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Lancaster Farming

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SEP 9

Dr. Thomas Conrad led nearly a hundred cattlemen and guests on a tour of Beechdale Farms where the first Pa. Simmental Cattle Field Day was held on Wednesday.

Large Crowd Attends Simmental Field Day

by: Melissa Piper

Nearly a hundred interested cattlemen and guests convened Wednesday at the Beechdale Farms in Bird-in-Hand for the first Pa. Simmental Cattle Association Field Day.

Beechdale Farms, located in the center of the Dutch Country, is owned by Dr. Thomas Conrad, who was recently elected as president of the Pa. Simmental Cattle Association.

Dr. Conrad lead the visitors on a guided tour of the farm in the morning explaining about the Simmental Breed of Cattle and showing his own herd of 90 Simmental Crossbred animals.

A unique judging contest was the next activity on the adjenda.

Contestants were asked to judge six cows not on their physical appearance as in many other judging contests, but rather on their calf producing ability. An important aspect of the contest was to judge the cow which had produced the heaviest calf at weaning.

First place honors in the judging competition went to E. G. Schubert, Canajohabie, New York; with second place honors going to Randolph Kohr, Dallastown, Pa.

Following a noon luncheon, Dr. Lowell Wilson, Professor of Animal Science at Penn State and well known animal researcher spoke on the advantages of crossbreeding cattle.

Wilson pointed out that Simmental cattle would be of good quality to use in a crossbreeding program especially since they have

(Continued on Page 16)

Crowd of 600 Attend Rae Hix Open House

"How many of you cattle producers out there are making money?" Les Burdette asked a sometimes shivering Berks County audience on Wednesday afternoon. To no one's surprise, not a single hand went up. Burdette threw out his query at an open house on the Rae Hix farm near Mohrsville.

A crowd of more than 600 people attended to see Hix's dairy-beef confinement operation, his dairy barn, broiler house, modern calf barn, and a hog finishing house which is now under construction.

Burdette is an extension beef specialist at Penn State, and he came to the meeting with two of his Penn State colleagues, Dr. Samuel B. Guss, extension veterinarian, and H. Louis Moore, extension livestock economist.

Burdette's remarks centered around the need to feed cattle as economically as possible, and he discussed the methods producers use to keep from throwing away feed dollars.

"The biggest mistake cattlemen make is in feeding too much protein," Burdette said. "For top efficiency, you must take into account the age of the animal, its size, rate of gain and even the breed. A 900-pound Angus, for example, gaining at the rate of two to two-and-a-half pounds a day doesn't need as high a percentage of protein as a Holstein of the same weight."

The reason for that, Burdette noted, is that the English beef breeds like the

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Vernon and Allegra Leininger own and operate the Ko-Ka-Le-Ko Egg Ranch at Denver RD2. Mr. Leininger is currently serving as president of the Pennsylvania Poultry Federation.

Denver Man Heads Poultry Federation

Poultrymen account for the second largest farming enterprise in Pennsylvania, and the Commonwealth iteself is one of the nation's top poultry states, standing fourth in egg income and tenth in broiler output. Lancaster County is the most productive poultry county in the state and ranks seventh in the nation in terms of poultry products produced.

It's not too surprising, then, to learn that a Lancaster County poultryman has been elected to head the Pennsylvania Poultry Federation. He's Vernon Leininger, owner-operator of the Ko-Ka-Le-Ko Egg Ranch at Denver RD2.

Leininger runs a diversified family farm operation, with a beef and hog feeding operation in addition to the layer houses. Just three years ago, the Leiningers sold their dairy cows to concentrate on egg production. That was the year they stopped being producers only to become producer-packers.

Leininger, his wife Allegra, and their children David, Phillip, Michael and Rose Ann, are all involved in the farming operation. Also are Leininger's father, C. Warren Leininger, and a few other relatives. Eggs from some 30,000 caged layers are processed and packed daily in the airy packing room at the farm. The eggs are sold locally to restaurants and retail stores, and wholesaled through a cooperative marketing agreement with Plain and Fancy Egg Ranch Elizabethtown.

All the feed for the chickens is bought, as is the hog feed. The steers are fed

(Continued on Page 14)

Busy Young Farmer

by: Melissa Piper

Lloyd Hoover, is a young man who has been awarded many honors this summer for his work in FFA and as a young farmer.

Lloyd lives on a farm in Leola with his parents Mr. and Mrs. Elmer Hoover and while he helps his father do the farm chores he has also been busy with his own veal calves and market hogs.

The president of the Grassland FFA Chapter, Lloyd has been active in FFA activities on the local and state level.

Early this summer he was named Poultryman of the Year by the Victor Weaver Company in New Holland and also earned a trip to the National Co-op Conference in Manhattan, Kansas; for showing outstanding abilities in the co-op program.

When asked what his feelings were concerning the co-op program Lloyd explained, "learning about farmer's Co-ops gives you an idea of what business is really like especially in agriculture."

As with the case of many other FFA members, Lloyd got his start in raising market hogs by winning a county "chain animal". From that time on he has built up his herd of Durocs and shows them at numerous fairs and shows in the area.

When Lloyd realized that he would need more room for his operation, he bought a mobile home that had been gutted by fire and remodeled it using half for his veal

(Continued On Page 13)

Lloyd bought a trailer that had been damaged by fire and converted it into a housing facility for his veal calves and hogs. He also included a office where he keeps his records.

Local Livestock Market, Auction News

Lancaster Market

Monday, Sept. 2

No market conducted due to Holiday.

Oklahoma City

Thursday, Sept. 5

Trade moderately active at best under a weakening demand. Feeder steers 1.00-2.00 lower, feeder heifers 1.00-1.50 lower. Bulk of receipts Choice, and Mixed Good and Choice 450-700 pound feeder cattle.

FEEDER STEERS: Few High Choice 400-475 pound 35.25-38.00; lot Choice 259 35.70, Few Choice 350-400 30.00-32.75; 400-600 30.00-33.70; 600-700 29.25-32.50; 700-800 29.00-32.50; few 825-885 30.50-32.50. Mixed Good and Choice 450-600 lb. 26.50-28.25; 600-750 lb. 25.25-28.90. Good 400-550 lb. 19.00-25.75 including bulls; 650-1114 lb. Holsteins 19.60-22.00.

FEEDER HEIFERS: Lot thin Choice 402 pound 30.20. Other Choice 400-550 lb. 27.20-28.30; few 600-666 lb. 26.30-28.80. Mixed Good and Choice 400-600 pound 23.10-27.50; 600-683 24.20-26.05.

FOR THE WEEK: Compared to last week, feeder steers finished 2.00-4.00, instances 4.50 lower, while feeder heifers were 2.00-3.50, instances 4.00 lower. Slaughter cows 1.00-2.00, instances 2.50 higher. Slaughter bulls 1.00 higher. Salable receipts totaled near 12,100 head, compared to 11,360 last week and 8,581 the same period last year. Feeder classes comprised near 85 percent of total cattle supply with 14 percent cows.

Vintage Auction

Tuesday, Sept. 3
Total Head, 1106

SLAUGHTER STEERS: High Choice and Prime 46.75-47.75, Choice 44.00-46.75, Good 39.10-43.50.

SLAUGHTER HEIFERS: Choice 39.00-40.25, Good 35.00-39.25.

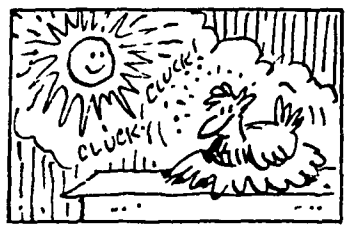
COWS: Utility 23.85-25.35, Cutter 22.85-24.00, Canner 20.00-23.25, Shells down to 15.00.

BULLOCKS: Choice 32.00-34.75, Good 28.75-32.10, Standard.

BULLS: 1-2 29.00-35.00.

VEAL CALVES: Choice 70.00-80.00, Good 60.00-72.00, Standard 40.00-57.00, Utility 22.00-40.00, Utility 70-85 12.00-23.00.

SHEEP: Choice 38.00-41.00, Ewes 12.00-18.00.



Some people believe that hens roosting early presages good weather.

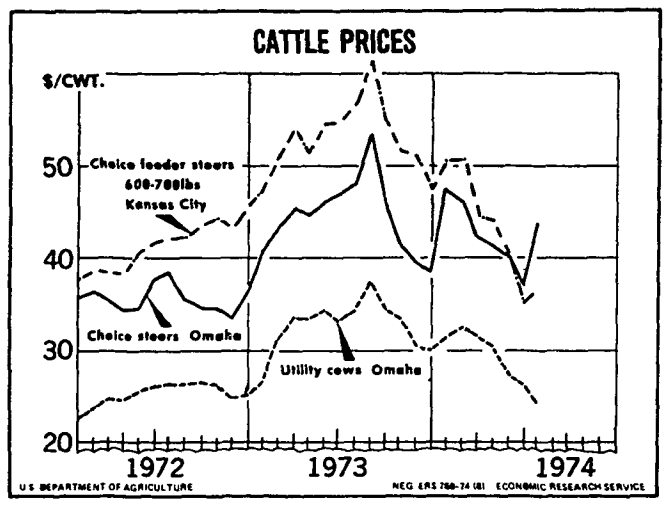
Lebanon Valley Livestock

September 3, 1974

CATTLE 203. Compared with last Tuesday's market, slaughter cows $1 to $1.50 lower. Few Choice 950-1150 slaughter steers 43.75-46.35, few Good 41.10-43.75, Standard 32.00-37.50, few Utility 27.00-33.00. Few Good & Choice slaughter heifers 35.00-40.60. Utility & High Dressing Cutter slaughter cows 22.85-25.00, Cutters 22.25-24.25, Canners 20.00-22.35, Shells down to 18.50. Good slaughter bullocks 33.25-35.85, individual at 36.75, few Standard 29.85-32.00, few Utility 25.25-31.35. 1-2 1300-1875 pounds slaughter bulls 28.35-34.60.

CALVES 265. Vealers grading Utility $2 to $5 lower. Few Choice vealers 49.00-52.00, few Good 44.50-49.00, few Standard 38.00-43.50, Utility 90-120 pounds 22.00-26.50, 70-85 18.00-22.00. Farm calves, holstein bulls 90-125 30.00-46.00; Holstein heifers 85-140 25.00-45.00; few beef cross bulls & heifers 85-125 25.00-48.00.

SHEEP 32. Few Choice 100-120 pounds spring slaughter lambs 39.00-41.00, Good 75-95 28.00-35.00.



Lancaster Auction

Market not available from the USDA Market News Service.

Leesport Livestock Auction

Leesport, Pennsylvania
September 4, 1974

CATTLE 226. Supply included 67 head feeder cattle. Compared with last Wednesday's market, slaughter steers steady to weak. Slaughter cows mostly 50c to $1 higher. Few Choice slaughter steers 43.75-46.75, Good 38.50-44.25, Standard 32.25-38.50, few Utility 27.75-29.50. One Choice slaughter heifer at 42.25, few Good 35.00-39.75, individual Standard at 28.25. Utility & High Dressing Cutter slaughter cows 24.35-26.35, one at 26.85, Cutters 22.75-24.85, Canners 19.75-23.00, Shells down to 15.00. Few Good & Choice slaughter bullocks 36.00-40.75, few Good 31.10-34.00, one Standard 28.25. Yield Grade 1-2 1165-1555 lbs. slaughter bulls 29.00-34.00, individual 1030 lbs. 25.60. Good & Choice 350-700 lbs. feeder steers 33.00-39.00, Medium 575-900 lbs. 21.75-26.50; Good 370-900 lbs. feeder bulls 29.50-35.50.

CALVES 157. Vealers grading Utility steady to $6 higher. Individual Choice vealer at 74.00, few Good 62.00-76.00, Standard 40.00-59.00, Utility 90-120 lbs. 25.00-36.00, 70-85 lbs. 22.00-24.00. Farm calves, holstein bulls 90-120 lbs. 35.00-53.00; few 80-130 lbs. 30.00-41.00; beef cross bulls & heifers 70-150 lbs. 32.00-62.00.

HOGS 190. Barrows & Gilts strong to 50c higher. US No. 1-3 205-240 lbs. barrows & gilts 38.60-38.85, one lot 262 lbs. 39.25, No. 2-3 185-245 lbs. 37.75-38.50, few No. 2-4 250-265 lbs. 37.75-37.85, few No. 2-4 130-185 lbs. 35.00-37.25. US No. 1-3 300-450 lbs. sows 26.75-30.75, few No. 2-3 325-600 lbs. 22.00-26.25. Boars 20.00-24.50.

FEEDER PIGS 232. US No. 1-3 20-35 lbs. feeder pigs 9.00-14.00 per head, couple lots No. 1-3 40-50 lbs. 21.50 and 25.00, Utility 20-35 lbs. 6.00-12.00 per head.

SHEEP 4. Few Choice 75-100 lbs. spring slaughter lambs 32.00-35.00.

New Holland Auction

Thursday, Sept. 5

Total Head	913
Cows	225
Bulls	210
Fat Cattle	478

High Choice and Prime, all weights, sold from 44.50-46.50. Market .75 to 1.00 lower. Holsteins 50c lower.

High Good and Low Choice Cattle 42-45. Cattle to retail outlets 46.50-49.25; Holstein 31-35.50.

SLAUGHTER HEIFERS: Choice 40-42.

BULLOCKS: Choice 31.60-34; Good 25.30.

BULLS: Yield Grade 1 and 2 29.75-35.

COWS: High dress cutter 23.50-25.50, few 26.27; Utility 21.23.

VEAL CALVES: Choice and Prime Vealers 200-275 lbs. 72-90; Choice 150-200 lbs. 45-70; Utility Bob Calves 18-25.

Composite Report

Market not available from the USDA Market News Service.

Pa. Auction Summary

Weekly Summary
19 Livestock Markets
Week Ending
August 30, 1974

CATTLE 7448. Compared with 7329 head last week, and 5103 head a year ago. Compared with last week's market, slaughter steers mostly 25c to 50c lower. Slaughter heifers 50 cents to $2 lower. Slaughter cows 50c to 75c lower, spots $2 lower. Slaughter bullocks mostly 50c to $2.50 lower. Slaughter bulls weak to $4 lower.

STEERS: High Choice & Prime 47.50-49.00, Choice 44.50-47.50, Good 38.25-43.00, Standard 33.50-37.50, Utility 27.75-33.00. HEIFERS: Choice 38.25-42.75, Good 33.50-37.00, Standard 31.50-35.00, Utility 25.25-29.00. COWS: Utility & High Dressing Cutter 24.00-26.00, few to 26.85, Cutters 22.75-24.50, Canners 20.50-23.00, Shells down to 17.00. BULLOCKS: Choice 34.75-37.00, Good 32.25-35.00, Standard 29.50-32.25, Utility 25.75-29.75. 1-2 1000-2000 pounds slaughter bulls 29.50-34.00. FEEDER CATTLE: Choice 400-850 lbs. feeder steers 36.50-41.00, Good 300-750 lbs. 32.50-38.00, Medium 300-650 26.00-32.00; Choice 300-500 feeder heifers 32.00-35.00, Medium & Good 300-750 24.00-32.00; Medium & Good 350-850 feeder bulls 25.00-30.00.

CALVES 4845. Compared with 4485 head last week, and 3977 head a year ago. Vealers grading Standard through Choice steady to $3.50 lower, Utility $1 to $6 lower.

VEALERS: Few Prime 70.00-80.00, Choice 55.00-63.00, Good 45.00-55.00, Standard 36.00-45.00, Utility 90-120 pounds 25.00-36.00, 70-85 19.00-27.00. Farm calves, holstein bulls 80-130 28.00-44.00; holstein heifers 75-125 lbs. 26.00-36.00; beef cross bulls & heifers 70-140 29.00-47.00.

HOGS 8211. Compared with 7858 head last week, and 5050 head a year ago. Barrows & Gilts 50 cents to $1.75 lower, most decline from mid-week on.

BARROWS & GILTS: 1-2 200-230 pounbs 39.50-40.25, 1-3 200-245 38.50-39.50, 2-3 200-250 37.50-38.50, 2-4 230-280 34.00-36.00, 2-4 150-190 32.00-37.00.

SOWS: 1-3 300-575 pounds 25.75-29.00, 2-3 300-650 23.00-25.75. Boars 18.00-23.00.

FEEDER PIGS 1620. Compared with 1148 head last week, and 1092 head a year ago. US 1-3 20-35 pounds feeder pigs 7.00-14.00 per head, 1-3 35-50 12.00-21.00, 1-3 50-85 21.00-28.00, Utility 20-45 6.00-17.00 per head.

SHEEP 908. Compared with 1127 head last week, and 1442 head a year ago. Spring slaughter lambs $1 to $3 lower. Choice 70-105 pounds spring slaughter lambs 35.00-40.00, Good 60-95 28.00-35.00, Utility 40-80 17.00-26.00. Slaughter ewes 5.00-17.00.

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HAY MARKETS

Paul Z. Martin

Wednesday, Sept. 4

13 loads of hay and straw sold as follows:

Alfalfa 56 to 71.50; Mixed Hay 50.50 to 51.; Timothy 55.50 to 60; Clover 43.00; Straw 38.50 to 41.00; Corn 113.00 to 116.00.

Green Dragon

August 30, 1974

Prices per ton: 27 loads hay & 5 loads straw.

Alfalfa 46.00-60.00; Timothy 31 50-49.00, one load at 55.50; Mixed hay 41.00-56.00; Clover, one load at 47.00; Grass Hay, 2 loads 27.00 and 31.00; Straw 30.00-36 00; Ear Corn, 12 loads 108.00-117.50.

New Holland

Monday, Sept. 2

11 loads of Hay and 3 loads of straw sold as follows (prices per ton).

Alfalfa, one load at 41.00; Timothy 50.00-58.00; Mixed Hay 24.00-65.00; Mulch Hay, one load at 25.00; Straw, 3 loads 28.50-51.00; Corn, 8 loads 90.00-120.50; Barley load $2.55 per bushel; Clover, one load at 39.00.

Regional

Monday, Sept. 2, 1974

(All hay No. 2 and better prices paid by dealers at the farm price per ton.)

Hay & Straw fully steady and slow.

Alfalfa 40.00-60.00; Mixed hay 30.00-40.00; Timothy 28.00-40.00; Straw 18.00-25.00; Mulch 12.00-25.00.

Baltimore USDA Report

September 2, 1974

CATTLE 350. Receipts will probably fall short of estimate by 100 head; slaughter steers & heifers not fully tested. Scattered sales $1 lower, other classes being held for AM Auction.

STEERS: Lot Choice yield grade 3-4 1260 lbs. 41.00, Good & Choice yield grade 2-4 925-960 lbs. 42.00, few Good 37.00-40.00, Standard 1025-1230 lbs. 33.00-34.00. HEIFERS: Package Choice yield grade 2-3 880 lbs. 43.00, few Good 865-1050 lbs. 40.00.

HOGS 600. Barrows & Gilts 25c lower. US No. 1-3 200-230 lbs. 38.00, 75 head 38.25-38.50, No. 2-3 230-250 lbs. 37.00-38.00, No. 2-4 250-270 lbs. 36.00-37.00. SOWS: Steady to 50c higher. US No. 1-3 300-400 lbs. 28.00-29.50, few under 300 lbs. 30.00, No. 2-3 400-600 lbs. 27.00-28.00.

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HOG PRICES

Lancaster Market

Monday, Sept. 2

No market conducted due to Holiday.

Vintage Auction

Saturday, August 31, 1974

HOGS 650: Compared with last Saturday's market. Barrows & Gilts 75c to $1 lower. US No. 1-2 200-230 lbs. 39.60-40.10, No. 1-3 195-240 lbs. 38.85-39.50, No. 2-4 160-180 lbs. 34.50-36.75. SOWS: US No. 1-3 400-625 lbs. 25.75-27.00. Boars: 21.00-22.25.

Wednesday, Sept. 4

HOGS 700: Compared with last Wednesday's market. Barrows & Gilts steady to 75c lower. US No. 1-2 200-235 lbs. 38.50-39.25, No. 1-3 200-245 lbs. 37.50-38.50. SOWS: US No. 1-3 300-550 lbs. 24.00-27.00. Boars 19.50-20.50, light weights up to 25.00.

Leb. Valley Auction

HOGS 333. Barrows & Gilts 50 cents to $1.50 lower. Few Lots 1-2 210-215 pounds barrows & gilts 39.25-39.35, 1-3 185-230 38.50-39.10, 2-3 185-235 38.35-38.50. 1-3 300-450 sows 28.25-31.25. Few Boars 20.00-22.25.

FEEDER PIGS 75. 1-3 35-50 feeder pigs 18.00-21.50 per head.

Try A Classified Ad!

Lancaster Auction

Market not available from the USDA Market News Service.

New Holland Auction

Monday, Sept. 2, 1974

HOGS 1581: Compared with last Monday's market. Barrows & Gilts steady to 50c higher, spots $1.25 higher. US No. 1-2 200-230 lbs. 41.00-42.00, No. 1-3 200-245 lbs. 39.75-40.50, No. 2-4 160-190 lbs. 38.00-39.75. US No. 1-3 300-575 lbs. Sows 22.00-27.00. Few Boars 20.00-22.00.

Indianapolis Auction

HOGS: 2000

Barrows and Gilts moderately active, mostly 25 lower.

BARROWS AND GILTS: US 1-2 200-230 37.75-37.85; US 1-3 200-240 37.50-37.75

St. Louis Auction

HOGS: 6500

Barrows and Gilts 50 lower.

BARROWS AND GILTS: US 1-3 200-250 37.00-37.25.

Peoria Auction

HOGS: 4000

Barrows and Gilts opening steady.

BARROWS AND GILTS: About 100 head US 1-2 37.75; US 1-3 200-240 37.00-37.50.

New Holland Horse Auction

Wednesday, Sept. 4

Reported receipts of 704 horses, mules and ponies. Market steady. Load of Kansas riding horses 120-335, load of Ohio driving horses 155-300, load of Tennessee riding horses 185-305 and load of Tennessee riding horses 180-200.

Local work horses 260-370, mules 175-210, driving horses 135-360, riding horses 165-275, better horses 245-420. Lightweight killers 16-18, heavyweight killers 21-23, mare ponies 15-40, colts 5-15, geldings 15-30 and larger ponies 55-110.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspections

	CATTLE	HOGS	SHEEP
Week to Date	393,000	930,000	121,000
Same Period Last Week	505,000	1,172,000	132,000
Same Period Last Year	322,000	814,000	123,000

New York Dressed Meats

Thursday, Sept. 5

Compared with Wednesday: Prices fully $1.50 lower for steer and heifer beef. Veal and calf weak throughout. Lamb mostly $1.00 lower, pork Loins firm to $2.00 higher, picnics, butts, spareribs and hams steady.

Downward price pressure prevalent for beef and sellers adjusting prices to conform with trend for livestock and dressed beef. Pork movement generally fair, however, demand for red meats relatively poor.

Steer Beef

Prime 600-900 lb. 74.00-75.50; Choice 600-700 74.00-75.50; 700-800 73.00-74.50; 800-900 71.50-73.50. Good 500-800 68.50-70.50.

Heifer Beef

Choice 500-700 lb. 72.50-74.50.

Calf (Skin Off)

Choice 150-350 lb. 72.00-75.00. Good 150-350 60.00-65.00. Standard 150-350 55.00-60.00.

Veal (Skin Off)

Choice 90-150 lb. 97.00-103.00. Good 60-90 88.00-95.00. Standard 60-120 72.00-77.00.

Spring Lamb

Choice and Prime 30-55 82.00-83.00; 55-65 81.00-83.00.

Choice Beef Cuts

Hinds (Steer) 145-190 lb. 86.00-88.00; Arm Chucks 90-105 55.00-58.00; Ribs (7-Rib) 34-40 102.00-106.00; Loins (Trmd) 50-70 120.00-125.00; Rounds (Steer) 70-95 82.00-83.00; Full Plates 39.00-40.00; Hinds (Heifer) 120-170 85.00-87.00.

Pork Cuts (Fresh)

Loins (Regular 8-14 lb. 82.00-84.00; 14-17 81.00-83.00; Picnics (Regular) 4-8 47.00-50.00; Boston Butts 4-8 67.00-70.00; Spareribs 3 lbs. down 86.00-89.00; Hams (Skinned) 14-17 65.00-68.00; 17-20 64.00-67.00.

Futures Trading

(Closing bids as of Thursday, September 5)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
September				55.40
October	39.65	34.27		56.70
November			4.08	63.00
December	38.30	35.07		65.10
January				61.60
February	38.87	37.92		59.25
March			4.79	
April	39.62	37.90	5.25	
May			6.30	
June	40.90	40.07		
July		41.80		
August	41.50	40.52		

Trend — Cattle are Stronger, Hogs are Stronger, Potatoes are Steady, and Eggs are Stronger.

Markets Provided by Commodity Department Reynolds Securities, Inc.

Chicago Grain Futures

(Closing bids as of Thursday, September 5)

	Corn	Wheat	Soybeans	Soybean Meal
September	3.30	4.23½	7.18	152.00
October				
November			7.24½	
December	3.34½	4.42		162.50
January 1975			7.32½	
March	3.42¼	3.52½	7.41½	168.50
May	3.37¾	4.50	7.45	171.00

Trend — Corn is Stronger, Wheat is Steady, Soybeans are Stronger, and Soybean Meal is Stronger.

Markets Provided by Commodity Department Reynolds Securities, Inc.

New Holland Dairy Auction

Wednesday, Sept. 4

Reported receipts of 127 cows and 3 bulls. Market steady. Load of Wisconsin cows, fresh 710-800; load of Pa. cows, fresh 650-890. Load of Franklin County cows, fresh 410-1100. Load of Vermont springers 700-900.

Herd dispersal of 25 cows from Chester County in all stages of lactation 175-670.

Locally consigned cows 490-870, springing heifers 470-610 and bulls 225-340.

Peoria Cattle

Thursday, Sept. 5

CATTLE: Receipts this week 4300 compared to last week 6644, and to a year ago 3367.

SLAUGHTER STEERS: Choice and Prime 1235-1300 pounds 3-4, 44.00-45.50; late 44.00-44.50; couple loads 1470-1480 4-5, 42.00-45.00; three loads 1412-1420 5, 40.00. Choice 900-1260 2-4, 41.00-45.00; late 41.00-43.00. Load 1050 43.75; 800-950 lbs. 37.00-41.00. Mixed Good and Choice 900-1300 40.00-42.00. Good 37.50-40.00. Tuesday, couple loads Standard and Good Holstein 1427-1480 37.50-38.50.

SLAUGHTER HEIFERS: Choice 800-1050 2-4, 40.00-43.00; late 40.00-42.00; couple loads early 43.25-43.50. Choice 700-800 36.00-40.00 Mixed Good and Choice 750-1150 38.50-40.50; 600-750 lbs. 33.50-38.50. Good 35.00-38.50.

COWS· Utility and Commerical 21.00-23.50; High Dressing Utility 24.00 Cutter 20.00-22.00. Canner 18.00-20.00.

BULLS: 1-2, 1100-1900 pounds 28.00-30.00; 1, early 31.00.

Read
Lancaster Farming
For Full
Market Reports

Local Grain

Thursday, September 5

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except ear corn which is per ton.

The average local grain prices quoted Thursday, September 5, 1974 are as follows:

	Bid+	Offered+
Ear Corn	98.00	108.00
Shelled Corn	3.70	3.99
Oats, Local	1.77	2.04
Oats, Western	2.05	2.28
Barley	2.25	2.51
Wheat	3.46	3.86
Soybeans	7.05	7.35

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

xxx

Many of the State Civil Service Commission's informational materials and several examination announcements are now available in Spanish translations. One Spanish-language booklet offers tips on test-taking and is useful to persons who are taking civil service examinations for the first time.

NEXT FEEDER PIG SALE

TUESDAY, SEPT. 17,

AT LANCASTER STOCKYARDS

CONSIGN YOUR FEEDER PIGS TO

J. M. Hoober Inc.

All pigs must be tagged. Consignors can save 25 cents per pig expense if tagged on the farm. Tags may be obtained at office of J M. Hoober Inc
Serving You Since 1895

For further information call J. M. Hoober Inc.
Phone (717) 397-6191. 569-2084, 626-5659.

IMPORTANT NOTICE

LET US HANDLE YOUR FEEDER PIGS

NEXT FEEDER PIG SALE TUES. SEPT. 17

Beginning in September, and every month thereafter, bimonthly Feeder Pig Sales will be held as a result of increasing receipts and popular demand on the part of both buyers and sellers.

Feeder pigs consigned to Walter M. Dunlap and Sons must arrive at the stockyards between 7 A. M. and 11 A. M. the day of the sale. Upon arrival they will be inspected by a veterinarian, tagged, and then state graded.

The two sales scheduled for September will be held on Tuesday, the 3rd, and Tuesday, the 17th, starting at 1 P. M. Consignors wishing to tag their pigs on the farm can get the tags at the state office at the stockyards, not later than 4 P. M. any day preceding the sale, thereby saving 25 cents per pig

Consign all your feeder pigs to Walter M Dunlap & Sons where they will be handled by a capable and experienced staff, and for further information call 717—397-5136

WALTER M. DUNLAP & SONS

Capable Service To The Livestock Industry Since 1898

Poultry Market Reports

WEEKLY NEW YORK EGG MARKET

From Tuesday, Sept. 3 to Friday, Sept. 6

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE	H				
Ex. Larg.	O	65	65	65	65
Large	L	62	62	62	62
Mediums	I	57	57	57	57
Pullets	D	45	45	45	45
Peewees	A	32	32	32	32
	Y				
BROWN					
Large		64	64	64	64
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large		54	54	54	54
Checks		40	41	41	41

Tone — Pullets Slow, Balance Fully Steady.

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NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Wednesday	Friday
Extra Large	51 lbs.	0	0
Class 1 - Large	48 lbs.	54	54
Class 3 - Medium	42 lbs.	50	50
Class 4 - Small	39 lbs.	41	40
Breaking Stock	48 lbs.	48	50
Checks	48 lbs.	42	43

Poultry Shows Halted To Fight Disease

A highly contagious poultry disease known as infectious laryngotracheitis prompted the state agriculture department Thursday to ask for cancellation of upcoming poultry shows in Pennsylvania.

Dr. Everett Denlinger, director of the Bureau of Animal Industry, said the disease is completely harmless to humans.

But it can kill up to 70 per cent of infected chickens, pheasants or peafowl, Denlinger said. He asked that all polutry shows be cancelled at least through Sept. 30, to protect the state's $190 million egg and broiler industry.

The recent outbreak of the disease, known as LT, resulted from Summer shows of exhibition poultry in western Pennsylvania, according to Dr. Ed Mallinson, the agriculture department's expert on poultry diseases.

"We have one or two of these situations every six months," Mallinson said. "But this got suddenly really nasty, when it started leapfrogging from one show to another. This leapfrogging aspect can really be bad if we don't step in to stop it."

The first symptoms of the disease in poultry are watery eyes, difficulty in breathing, coughing and sneezing. Mallinson said the birds may also shake their heads in attempts to dislodge hemmorhaged blood in their windpipes.

He urged any poultrymen who see symptoms in their flocks to contact the agriculture department. Vaccination programs are effective in saving flocks even after individual birds have been exposed to the disease, Mallinson said.

Positive diagnoses of LT have involved only two commercial flocks so far, according to Mallinson.

"It's more of a problem on the show circuit, where the birds are coming into contact with other poultry from almost any part of the country," he said. "We want to limit it to protect the health of the big blocks."

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Eastern Pa. & N. J.

Live Poultry Report
Wednesday, Sept. 4

Prices generally unchanged on light type hens though a weak undertone prevails in some quarters. Offerings adequate for a fair interest. Offerings of heavy type barely adequate for a fair call.

Prices paid at farm: Light type hens 4-6½, mostly 6-6½ in Pa., mostly 5½-6½ in NJ; heavy type hens TFEWR.

Pa. Broiler Placements Rise 2 pct.

Placements of broiler chicks in the Commonwealth during the week ending August 31, 1974 were 1,341,000. The placements were 2 percent above the corresponding week a year earlier, and 3 percent below the previous week. Average placements during the past 10 weeks were 2 percent above a year earlier.

Settings for broiler chicks were 1,781,000 - 9 percent below the previous week and 10 percent below the comparable period a year ago.

Inshipments of broiler-type chicks during the past 10 weeks averaged 3,000 compared with 9,000 a year ago. Outshipments averaged 206,000 during the past 10 weeks, 31 percent below a year earlier.

Placements in the 21 States were 51,356,000 - 1 percent below the previous week and 10 percent below the same week a year earlier. Average placements during the past 10 weeks were 6 percent below a year ago.

Settings were 60,838,000 - 3 percent below the previous week and 9 percent below a year earlier. The current 3-week total of eggs set is 11 percent below the comparable period a year ago.

Consumers' Corner

Wallcovering Back "In"

Washable wallcoverings are attractive as well as practical. And with sofas and comfortable chairs taking a back seat in decorator's eyes, accessories and interesting rugs and wallcoverings are gaining favor.

In fact, people who previously had only the bathroom and kitchen walls papered are choosing prints and stripes for the dining room, bedrooms and living room Newest on the wall paper scene are handsome phonies that simulate marble, stone, leather, wood and fabric, but are far easier to care for than their real counterparts Many of these wallpapers come with pre-pasted backing - a boon for do-it-yourselfers Other types are strippable for those who redecorate often.

Polyvinyl chloride is the most scrubbable of the vinyls, while plastic coating over ordinary wallpaper is the most fragile Since all vinyls can be wiped with soap or detergent and water, a homeowner should consider where the covering will be used to determine the degree of durability needed.

If the particular pattern you like is not washable, look into wallpaper protective coatings. These are applied with a roller after the wallpaper is installed and make the wallpaper completely washable. Check the effect on a small sample of paper first, because these coatings will occasionally darken a paper slightly.

Fogelsville

Sale of August 27

(Prices paid dock weights, cents per pound, except where noted.)

Hens, heavy type 8-16, mostly 9-16; Pullets 31-39, mostly 36-38; Roasters 8-37; Turkeys, Toms 35; Rabbits 30-52, mostly 38-44; Pigeons (per pair) 1.00-3.80.

Total coops sold 490.

Poultry received Monday 7 p.m. to 10:30 p.m. Tuesday 7 a.m. to 12 Noon. Sale at 11:30 a.m.

Directions — Take Rt. 2 thruway. Exit at Fogelsville exit. North on stoplight in Fogelsville, turn left, proceed 1 mile.

Sale of Sept. 3, 1974

Hens, heavy type 11-17; Pullets 18-38, mostly 36-38; Roasters 12-39, mostly 35-37; Rabbits 10-52, mostly 40-50; Pigeons (per pair) 1.00-4 00, mostly 1.00-1.20.

Total coops sold 200.

Omaha Cattle

Thursday, Sept. 5

Closing prices slaughter steers and heifers 1.50-2.50 lower as compared with late trading previous week when demand contracted through the session. Cows 1.00-2.00 higher and bulls strong to 1.00 higher.

Four day receipts 11,200 as compared 19,900 previous week and 9,700 a year ago. Slaughter steers approximately 39 percent, heifers 32 percent. Cows 13 percent and feeders 12 percent these for Friday Auction.

STEERS: On Tuesday, two loads Choice and Prime 1157-1161 pounds 3-4 45.50, two loads feedlot mates 44.75 at midweek and two loads choice with end Prime 1153 44.00. Choice 975-1250 2-4 mainly 42.00-43.00, few high-Choice 1100-1150 3 43.75, some mostly choice 925-975 3 41.50-41.75 and several loads 1300-1350 4 39.00-41.00, load 1540 3-5 37.00. Mixed Good and Choice 950-1225 40.00-42.00, Good 37.50-40.50. Standard and low-good 36.50-37.50.

Average cost slaughter steers for two days 42.37 average weight 1101 pounds as compared 44.97 and 1103 previous week and 49.10 and 1108 a year ago.

Heifers: Load High-Choice and Prime 1064 2-4 and Load Choice 872 3 44.00 early. At Midweek, three loads Choice and Prime 1000-1050 3-4 42.50-43.00. Choice 850-1025 2-4 40.50-42.00. Mixed Good and Choice 750-975 38.50-40.50. Good 36.00-38.50. Standard and Low-Good 34.00-35.50.

COWS: Utility and Commercial 22.50-24.00, Moderate volume 24.50-25.00 and load Utility dairybreds 25.25. Canner and Cutter 19.50-22.50, Mixed Cutter and Low-Utility 22.75-23.00.

BULLS: 1 & 2 1400-1800 pounds 27.00-30.00, 1 31.00-32.00.

NEW ENGLAND WEEKLY SHELL EGG REPORT

Wednesday, September 4, 1974

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+		Not Available at Time of Release		
Mostly		Not Available at Time of Release		
NEW HAMP		Not Available at Time of Release		
Mostly		Not Available at Time of Release		
R. I.	74-75	71-72	67-68	45-46
VERMONT	72-80	69-77	65-73	
Mostly	72-78	69-75	65-70	
MAINE	72-74	69-71	65-67	43-45

+Includes Central and Western Sections Only.

Delmarva

Broiler-Fryer Market
Wednesday, Sept. 4

Ready to cook movement fair at best. Slaughter schedules moderate. Today's less than trucklot asking prices ranged unchanged to 1 cent lower on both Plant and US Grade A. Live supplies fully adequate at weights in a wide range. Undertone unsettled.

Current broiler-fryer negotiated prices for immediate delivery mostly multiple-drop shipments to New York City from Delmarva:

Range: US Grade A 43-45, Plant Grade 42-44, Premium US Grade A 47-48, Premium Plant Grade 45-46.

Weighted average: US Grade A 44.24, Plant Grade 43.18, Premium US Grade A 46.85, Premium Plant Grade 45.69.

Baltimore Eggs

Wednesday, Sept. 4

Market steady. Demand slow to fair. Supplies adequate. Small are plentiful and quoted at 52-54 cents, ex large 76-78 cents.

Cartoned eggs: prices to retailers, state graded (min one case sale) white grade a Large 69-75, mostly 69-71; grade A Medium 64-70, mostly 64-65.

Philadelphia Eggs

Wednesday, Sept. 4

Prices steady. Cartoning demand fairly good. Offerings of all sizes in fairly good balance with needs. Undertone steady.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons, delivered: store door A Extra Large 67-68½; A Large 66-67½; A Medium 59-60½.

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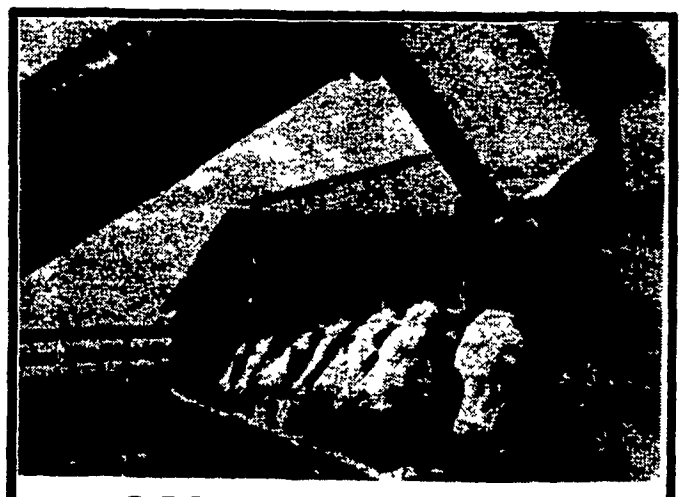

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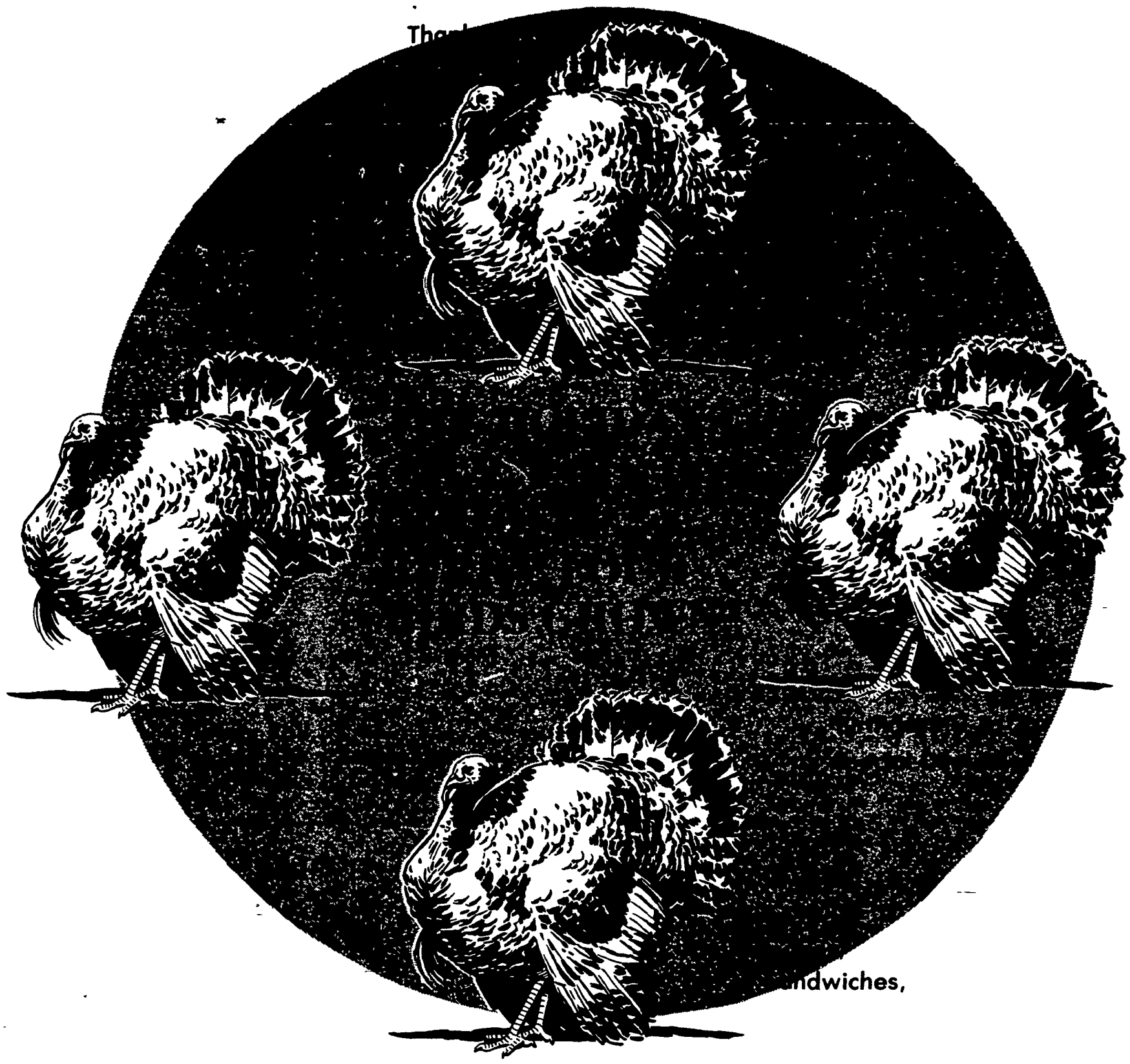

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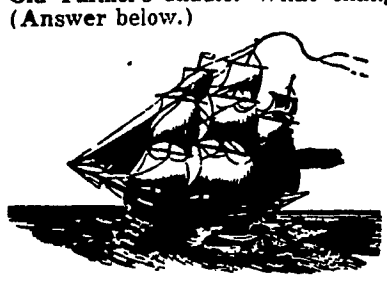
THE OLD FARMER'S ALMANAC

SEPT. 9-15, 1974

Clouds race apace, brisk and bright all right.

Trees are starting to turn now . . . Uncle Sam born Sept. 13, 1766 . . . Third quarter of the moon Sept. 9, and a new moon Sept. 15 . . . The autumnal migration of the birds is now at its height . . . Average length of days for the week, 12 hours, 42 minutes . . . C. Columbus finally back in Spain Sept. 12, 1504 . . . Cranberries are harvested now . . . Two sparrows on the same ear of corn are not long friends.

Old Farmer's Riddle: What changes a pear into a pearl? (Answer below.)



Ask the old Farmer: What is the origin of the term "Indian giver"? Does it really have anything to do with Indians? B. G., Worcester, Mass.

According to the tradition, the Indian understood swapping and honored such a trade. But if he gave anything to another, he retained his interest in it, and felt free to take it back if he felt like it.

Home Hints: If you want to keep suede shoes looking fresh, rub them with a piece of stale rye bread after each wearing . . . *Riddle answer* The letter "L"

OLD FARMER'S WEATHER FORECASTS

New England: Clear and hot to start, then showers; light rain and cooler latter part.

Greater New York-New Jersey: Shower at first then, mostly clear and cooling; end of week cloudy and rainy.

Middle Atlantic Coastal: First part of week cloudy and warm; end of week rainy.

Southeast Coastal-Piedmont: Week begins clear and hot, then moderately heavy rain; end of week clear and warm.

Florida: Rain all week in central and intermittent rainfall throughout week elsewhere.

Upstate & Western N.Y.-Toronto & Montreal: Early week rain in north; clear and hot most of week in south, then cloudier and cooler by weekend.

Greater Ohio Valley: Rain to start, then partly cloudy; some showers and seasonable temperatures latter part.

Deep South: Cloudy and warm at first, then rain in east; end of week clear and becoming hot.

Chicago and Southern Great Lakes: Clear and hot to start, then showers in east; end of week generally sunny and warm.

Northern Great Plains-Great Lakes: Week begins fair and warm with intermittent showers; end of week clearing and warm.

Central Great Plains: Cloudy and warm at first, then some rain; partial clearing latter part.

Texas-Oklahoma: Cooling rain to start, then mostly sunny and hot to end of week except for light rain by weekend in north.

Rocky Mountain Region: Rain to start, then mostly sunny and becoming hot for remainder of week.

Southwest Desert: Mostly clear all week with highs reaching mid 100s by weekend.

Pacific Northwest: First part of week clear and very warm; end of week cloudy with light rain and cooler.

California: Fair to start in north, then showery to end of week; showers at first in south but clearing latter part.

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Engineering Center To Be Dedicated at Sperry New Holland

Sperry New Holland will dedicate its new worldwide Engineering Center and hold open house Saturday in New Holland.

The public is invited to an official flag raising ceremony in front of the Engineering Center at 11:45 a.m. Following the program, guided tours will be conducted of the center as well as the company's Operations Center and Manufacturing Center throughout the afternoon.

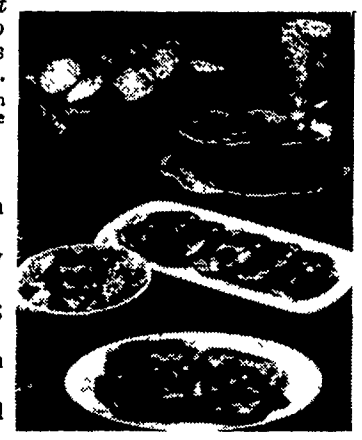
A new Visitors' Center and Museum will also be open for the first time Saturday. Shuttle buses will operate in the company area throughout the afternoon for the convenience of visitors who want to see all the buildings and a product display.

The 140,000 square foot Engineering Center houses employes and equipment to design and test New Holland farm and industrial machines. It replaces a facility in use for more than 20 years.

Participating in the dedication ceremony will be President Kenneth F. Thompson; H. G. McCarty, vice president and general manager of the company's North American Division; Melvin J. Happe, vice president for engineering North America; Willis M. Houck, Mayor of New Holland Borough; and H. Nevin Lausch, project engineer, who will give the invocation.

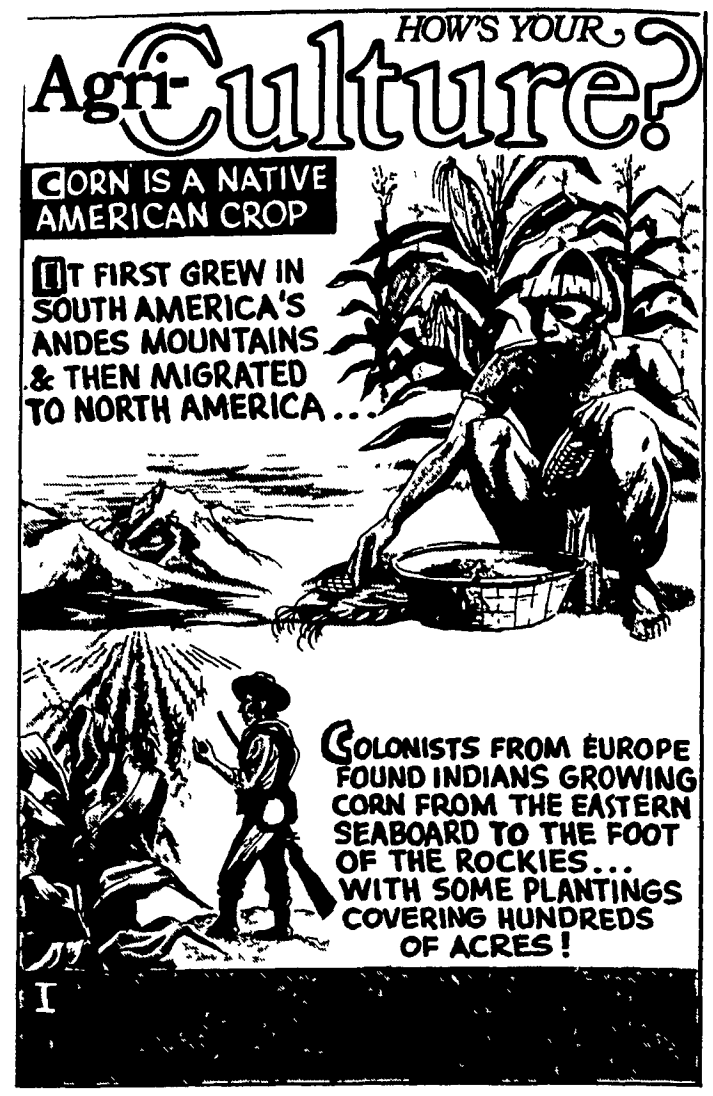
Music will be supplied by the New Holland Band under the direction of S. O. Zimmerman. Boy Scouts from area troops will assist in a flag-raising ceremony.

The building is located on the company's 300-acre tract at the west end of New Holland Borough adjacent to the company's two-year-old Operations Center and the Sperry New Holland manufacturing plant.



Blueberry Potato Pancakes

Rinse 1 cup fresh blueberries and let dry thoroughly Mix together 2 tablespoons flour, 1 teaspoon salt, and ¼ teaspoon baking powder Pare, wash and finely grate 6 raw potatoes (about 2 lbs or 3 cups grated) Set aside Add 2 eggs, well beaten, to flour mixture Drain off liquid that collected from grated potatoes and add potatoes to egg mixture. Beat thoroughly with a spoon. Carefully fold in fresh blueberries Heat a greased skillet and drop potato batter by heaping tablespoons on the hot skillet Fry over medium heat until golden brown and crisp on other side Drain on absorbent paper. Serve plain or with warm blueberry sauce Simmer 1 cup fresh blueberries with ½ cup water, 6 tablespoons corn syrup and 1 tablespoon lemon juice for 10-15 minutes Remove from fire, add in another cup of fresh blueberries and serve warm over blueberry potato pancakes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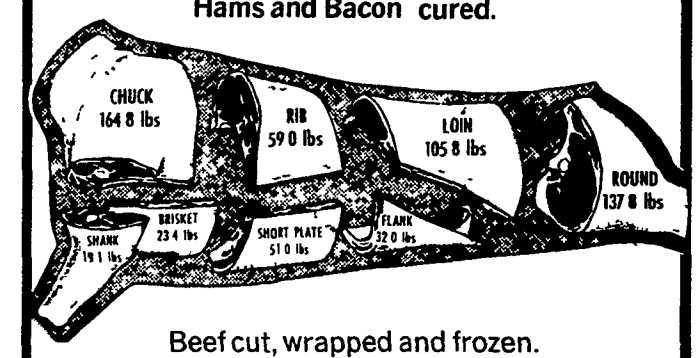

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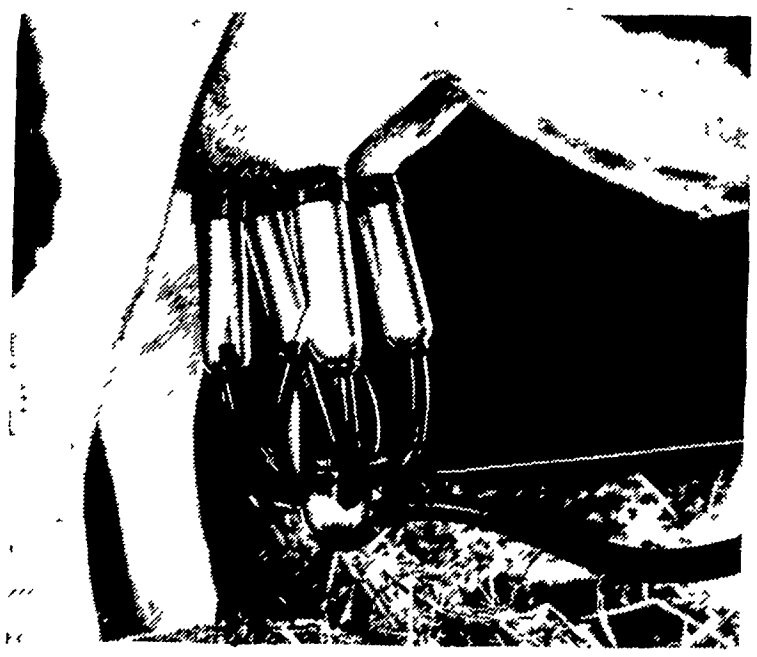

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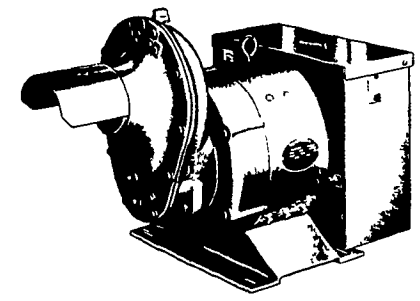

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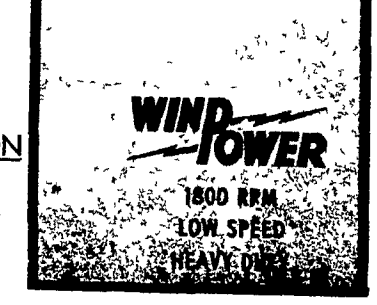

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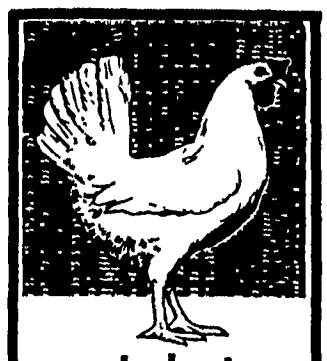

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State GOP Platform Committee Considering Position on Agriculture

Amos Funk, a Millersville farmer, planned to be in Pittsburgh last night (Friday), to urge the state Republican platform committee to adopt a strong pro-farming stand in the upcoming gubernatorial election.

Funk, who heads the 12-member agricultural platform committee, said he feels the guidelines his committee has drawn up will enhance his party's chances for success in November. He said over-regulation by government is the biggest problem farmers have.

The committee members each logged nearly 3000 miles during the August meetings with farmers and representatives of farm groups. Among the major recommendations Funk will be presenting are:

- The construction of a Keystone Agricultural Exposition Center at a central location and at a cost based on available resources of the Commonwealth.

- Adoption of a policy that discourages indiscriminate use of good agricultural land for non-agricultural land for non-agricultural purposes.

- Retention of the General Assembly at the present level to provide the best representation for rural areas.

- The need for a preferential assessment plan to provide farmers financial relief from high taxes that prevail in developing areas and

- Retention of the Milk Marketing Law which should be administered as mandated.

The report states that previous state leaders have subordinated agricultural interests to recreational and industrial development.

It urges the direction on non-agricultural use of land to less productive soils in order that agricultural efficency can be retained and food and fiber be produced at a reasonable cost.

The report also recommends funding to encourage and provide for the conservation and wise use of soil, water and other natural resources.

The reports scores the policies of the Shapp administration, calling them "disaster for Pennsylvania's agriculture."

"The consumer in this commonwealth needs ample protection under the law. However, Pennsylvania's secretary of agriculture should not be the consumer's advocate. He should speak for agriculture."

"The Shapp administration has fostered a climate in which the consumer has been pitted against the producer and the middleman too long."

The report states that the Shapp Milk Marketing Board "has been totally derelict in its duties," wrecking the state's dairy industry.

It suggests that the proper resale, pricing guidelines and regulations might have prevented some of the financial problems that some of the dairy cooperatives are experiencing.

The report also recommends:

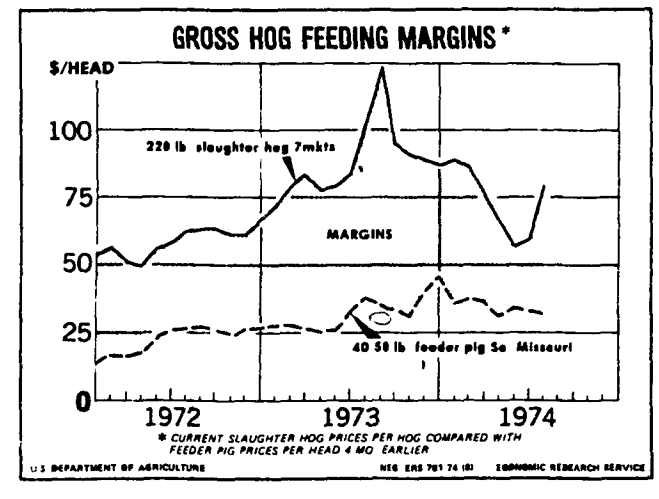
- The encouragement and expansion of direct marketing efforts for state agricultural products.

- The retention of an adequate number of rail lines and the transfer of 13,000 miles of roads to local authorities.

- Cooperation between the department of agriculture and Pennsylvania State University in extension and research and additional funding for the use and disposal of solid and agricultural wastes.

- That the present interpretation of the migrant housing law by the Department of Environmental Resources is unrealistic and does not follow the law's intent.

Ninety persons attended the platform committee hearings. Forty gave verbal testimony and six written testimony.



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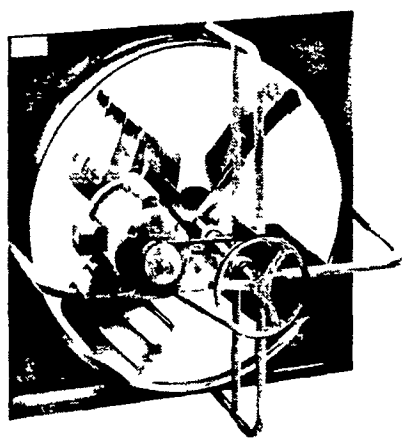

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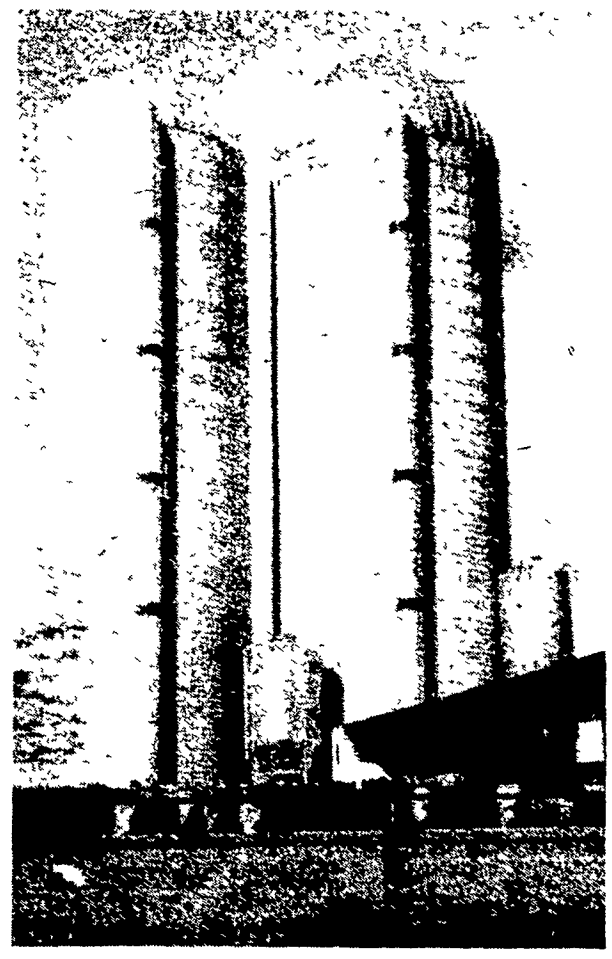

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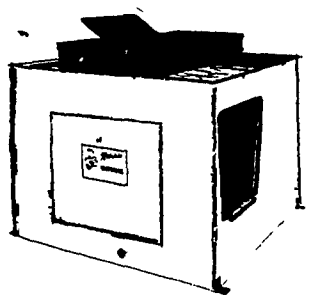

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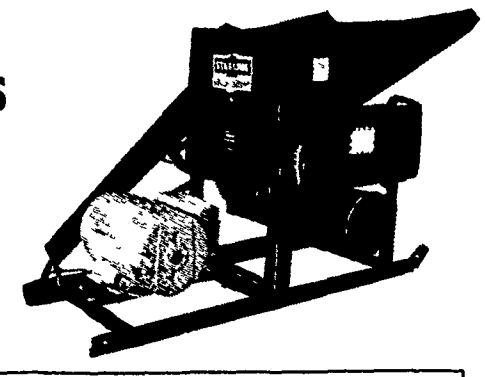

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Grain Situation More Serious

USDA's report on undelivered export commitments provides egg producers and other livestock feeders with a greater measure of concern about the feed grain supply, according to John Pedersen, Director of Marketing and Statistical Analysis, United Egg Producers. "If USDA figures issued Thursday are even close to being correct," Pedersen said, "the livestock feeding industries in the U. S. will be in serious trouble during the coming year. Thursday's report indicated export commitments exceeding every USDA maximum forecast for the coming year."

According to the report, export commitments for corn through August 18 amounted to 952.9 million bushels of which 684.3 million bushels are to known destinations. USDA's export forecast for corn during the coming year ranged from 750 to 900 million bushels, Pedersen said.

Similar reports were also made for soybeans and soybean meal. Undelivered commitments through August 18 for soybeans totaled 549.1 million bushels and for soybean meal, 7,898,000 metric tons. USDA's maximum estimates of export commitments for the coming year totaled 535 million bushels of soybeans and 5.5 million tons of soybean meal.

"These figures illustrate ample reason why our government some form of export licensing," Pedersen said. "United Egg Producers suggested such a plan before the Senate Agriculture Subcommittee which conducted hearings into the grain situation on August 15."

Pedersen said he believes foreign buyers are securing stocks both in speculation and to accommodate their domestic needs. He noted that soybean meal commitments had jumped from 4.3 to 7.8 million tons in a single week. This panic buying was brought on by the August 12 crop report.

"We cannot afford to assume that a substantial amount of these undelivered exports are speculative buying and thus will be available at a price sometime in the future," Pedersen warned. "It will be disastrous for the domestic livestock, dairy, poultry and egg producers if assumption is wrong. In the end it will be disastrous to the American consumer and the economy.

"Our government should take immediate steps to assure domestic livestock feeders of an adequate supply of feed grains with which to produce meat, dairy products and eggs for the consumers of the U. S. during the coming year," Pedersen said.

Increased Fish Activity Indicates Polluted Water

Increased activity by fish can indicate water pollution, according to biologists with the Cooperative Fishery Research Unit at The Pennsylvania State University. Studying this activity, Fishery Research Unit personnel have developed an inexpensive method for analyzing pollution of lakes and streams, says Dr. Robert L. Butler, leader of the unit.

Dr. Butler and associates have found that fish in polluted waters increase their movements away from normal cover such as rock ledges and other natural shelters. They observed, for example, that smallmouth bass nearly doubled the amount of time away from cover when oxygen content of water was lower than normal, a form of pollution. Not only was cover neglected by the bass, but general movement from one part of the stream to another more than doubled.

Stress from pollution was also reflected in increased activity by rainbow trout, the experiments showed. In this case, the pollution was caused by low concentrations of manganous sulfate. This chemical is a metallic salt, coming primarily from strip mining for coal. Lethal concentrations of this salt range from 50 to 5,500 parts per million, due to differences in experimental conditions.

The experiments have shown that an increase of manganous sulfate from 5 to 10 parts per million depressed significantly the use of cover by 3 and 4-week old rainbow trout.

"We have also shown that present standards for pollution levels are inadequate to protect some fish life," Dr. Butler stated.

He explained that recommended lower limits for oxygen needed by fish have been set at 5 parts per million. Nonetheless, the experiments have demonstrated that a drop of as little as 2 parts per million in oxygen can cause a significant decrease in use of cover and increased activity by fish.

Weiner Ways

Weiners are a handy meat to have on hand Kept in the freezer until needed, they thaw quickly and cook in minutes Steamed in water or beer or just browned, they are delicious and waste-free meat item Score frankfurters and pose them atop hot sauerkraut for a hearty meal Or, for a winner, spoon canned chili over steamed weiners on fresh buns

from HISTORY'S SCRAPBOOK

DATES AND EVENTS FROM YESTERYEARS

The British defeated the French on the Plains of Abraham near the city of Quebec during the French and Indian War on September 13, 1759.

Francis Scott Key wrote the words of "The Star-Spangled Banner" on September 14, 1814.

William Howard Taft, 26th President of the United States, was born on September 15, 1857.

The Japanese surrendered the British Crown Colony of Hong Kong on September 16, 1945.

The United States Constitution was completed and adopted on September 17, 1787.

The first issue of "The New York Times" was printed on September 18, 1851.

On September 19, 1777, American forces won the first battle of Saratoga, New York, during the Revolutionary War.

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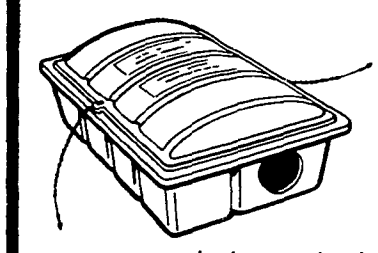

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Evaluating Response To Newcastle Vaccine

SINCE 1970, virulent strains of Newcastle disease have produced severe worldwide losses in poultry. If the disease becomes so widespread in the United States that it cannot be eradicated, an economical means of evaluating vaccination procedures will become necessary.

Present methods of vaccination have had highly varied results. Scientists think this extreme variability may be due to the particular strain and potency of the vaccine as well as the route of administration.

In studies at ARS' Southeast Poultry Research Laboratory in Athens, Ga., a simple and rapid microtest procedure was evaluated for measuring response of poultry to Newcastle vaccination. During a year's application in at least one large diagnostic laboratory in Georgia, the manual-microtest hemagglutination-inhibition (HI) procedure proved to be a very satisfactory compromise between the old test tube method (macrotesting) and a highly automated and expensive microtest method. The automated microtest method uses a machine costing $5,000 to $6,000 which automatically adds reagents and makes the dilutions.

Hemagglutination (HA) is the clumping reaction of red blood cells when suspended in a liquid that contains Newcastle disease virus. Specific antibodies directed against that virus will inhibit the hemagglutination.

ARS researchers employed commercially available manual microtest equipment in conjunction with inactivated HA antigen in the modified procedure. In many laboratories, the HI test often involves highly virulent HA antigens which may serve as a source of contamination in virus isolation attempts.

Blood samples were obtained with syringe and needle either from the wing vein of the chicken or by cardiac puncture and then placed in tubes treated with a silicone solution to aid in clot release. After clotting was adequate and the serum had been chilled at 4° C., sometimes overnight. it was harvested with disposable glass pipettes and placed in microtest plates.

Similar plates were prepared for serum dilution by adding antigen-saline mixture to each well. The sera were diluted until there was lack of inhibition of agglutination—evidenced by a distinct "button" of red blood cells in the bottom. From this end point the antibody titers were determined.

Using stock inactivated antigen and washed red blood cells which have been prepared in advance, an experienced technician can test as many as 700 sera in approximately 7 hours.

The serum-storage plate, developed by Southeast Poultry Research Laboratory scientist Dr. James E. Williams and biological laboratory technician Alton D. Whittemore, occupies minimum freezer space and allows simultaneous pickup and dilution of 12 sera, utilizing 12 microdiluters to each microdiluter handle.

Equipment costs are 10 times less for the compromise manual method than for the automated microtest method.

Described by veterinary medical officer Charles W. Beard and biological laboratory technician William J. Wilkes, the procedure also affords savings in reagents and makes possible a reproducible determination of antibody levels in serum.

American Model Crop Dryer

Because of the additional acreage planted this year, major grain growers are turning to larger capacity crop dryers. One that is proving extremely popular is the American Model 2420. According to the manufacturer, the 2420 can dry up to 11,400 bushels in 24 hours, removing 5 points of moisture, from 20 percent to 15 percent. The dryer is ideal for corn, milo, beans, other grains and seeds.

One of the outstanding features is the completely automated operation. As long as wet grain is available in the holding tank, the dryer will continue to cycle automatically...filling, drying, cooling, emptying and refilling. Controls may be set for a specific drying period and a separate control regulates the grain cooling time. These can be easily changed to meet - varying conditions of the grain or weather. The improved controls are located on the dryer in a tamper-proof box.

Another unique feature of the Model 2420 is the cycling burner. This provides an ideal drying climate for the grain since the moisture is removed by a sweating process rather than a conventional continuous "baking" process. Alternate short bursts of hot and cool air move through the 12" drying column. Moisture is removed rapidly while maintaining a lower kernel temperature wheich aids in maintaining grain quality.

The 2420's twin burners can generate up to 12 million BTU's of heat and 10 hp fan motors move the heated and cooling air the full length of the dryer. Fans are automatically shut down during the filling and emptying cycles. This keeps air pollution to a minimum.

The American Farm Equipment Company has a complete line of dryers ranging in capacity from 1,400 to 36,000 bushels per day. These are available on a purchase, lease or rental basis. The company has authorized distributors throughout the major grain producing areas of the United States.

For additional information on prices, contact the American Farm Equipment Company, 340 East Main Street, Lake Zurich, Illinois 60047.

Lunch Box Blues

Brighten lunchtime sandwiches with a new idea or two Mash with a fork a 12-ounce can of luncheon meat and a ripe banana Moisten with ¼ cup mayonnaise blended with one teaspoon lemon juice

Any of the ground leftover meats or ready to serve meats are pepped with ½ cup chopped celery and one teaspoon prepared horseradish to one cup of the ground meat Moisten with two or more tablespoons of mayonnaise

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Farm Commentary

Readinger Urges 1056 Adoption

The Pennsylvania State Grange has urged prompt action on House Bill 1056, now in the Senate, that would provide a tax break for Pennsylvania farmers.

The measure, which was passed by the House last spring, will provide a method of taxing farmland on the basis of its use for food production, and not on its potential value for other purposes, Readinger said. It is the method proposed for implementing the Clean and Green Amendment to the State Constitution that was approved by voters in May 1973.

"We realize that land is needed for housing, business and a host of other purposes necessary for a growing population," Readinger said. "But it is time now to face reality; to recognize that the prime purpose of our best land is food production."

"We must do everything possible to encourage and help farmers keep their land in production. The present legislation pending in the Senate is but one step in this direction, a step that dare not be delayed any longer."

Drought in the Midwest, he explained, has drastically reduced feed grain crops that are vitally needed for dairy, livestock and poultry production. Present indications are that the total U. S. production of these grains will be approximately 15 percent less than last year.

The result, Readinger said, will be sharp increases in grain and feed prices and a tighter cost-price squeeze on Pennsylvania farmers, especially dairy farmers. Some, whose finances are already strained, will be forced to sell cattle to keep going. Others may have to sell out . . . both land and livestock.

The situation, Readinger said, emphasizes the need for preserving every possible acre of productive farmland for the good of all Pennsylvanians.

Prices Received Index Up Second Straight Month

The Index of Prices Received by Farmers moved up 6 points (3 pct.) during the month ended Aug. 15, USDA reported last week. At 181 (pct. of its Jan.-Dec. 1967 average), the index was still 27 points (13 pct.) below the record high set in Aug. 1973.

Meanwhile, the Index of Prices Paid by Farmers also moved up 5 points (3 pct.). At a record high 173, this index was 22 points (15 pct.) above a year earlier. The Ratio of Prices Received to Prices Paid moved up 1 point to 105. It had stood at 138 a year earlier.

Under the old 1910-14 formula, Prices Received advanced from 444 to 461 during the month, and had been 529 a year earlier. Prices Paid advanced from 573 to 590 and were 517 a year earlier. And, the parity ratio advanced one point to 78. It had stood at 102 a year ago.

Butter Output Continues Up

U.S. butter production, estimated at 78.4 million lbs. during July, was up 16 pct. from a year earlier. This marks the second straight month output has been above that of a corresponding month a year earlier.

Prior to this, butter output had been below that of a corresponding month a year earlier every month since Feb 1972. Despite the June-July increases, butter output for the first 7 months totaled only 585 million lbs., down 5 pct. from a year earlier.

Meanwhile, output of American cheese totaled 165 million lbs. for the month That's 8 pct. above a year earlier and the highest July output on record. This brings the Jan.-July American cheese output total to 1.2 billion lbs., up 16 pct. from a year earlier It was also the 10th straight month output has exceeded that of a corresponding month a year earlier.

Price Boost Pushed Ag Imports Up

Volume of U S. agricultural imports in 1973-74 about the same as a year earlier But, higher prices boosted the value of those imports 30 pct. above the 1972-73 total -- to $9.5 billion -- USDA reported last week

Some examples Though coconut oil imports, at 562 million lbs., were **down** 23 pct from a year earlier, the value of those imports, at $128 million, was **up** 118 pct from 1972-73, and though dry form crude rubber imports, at 1.4 billion lbs, were **up** only 13 pct., the value of those imports, at $466 million, was up 122 pct

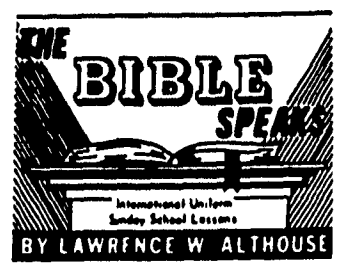
Of course, there were other reasons Dairy product imports, at $461 million, were **up** 131 pct mainly because expanded import quotas helped boost butter, cheese, and nonfat milk import totals.

Meat Output Up Sharply During July

U S red meat production **up sharply** during July At 3 0 billion lbs, it was 14 pct **more** than a year earlier, 14 pct **above** that for July 1972, and 3 pct. **more** than that produced in June of this year

Beef production, at 1 9 billion lbs, was **up** 15 pct from a year earlier, and 15 pct **above** that for July 1972 Veal output, at 34 million lbs, was **up** 42 pct from a year earlier Pork production totaled 1 0 billion lbs., **up** 14 pct from a year earlier, 13 pct **above** that for July 1972 Lamb and mutton output totaled 36 million lbs., **down** 16 pct from a year earlier

July totals brought red meat output for the first 7 months to 21 4 billion lbs, **up** 7 pct from a year earlier. Beef, at 13 0 billion lbs, **up** 7 pct; veal, at 201 million lbs, **up** 3 pct; pork, at 7 9 billion lbs, **up** 8 pct.; and veal, at 264 million lbs., **down** 11 pct. from a year earlier.



THE MEANING OF 'CHOSEN'

Lesson for September 8, 1974

Background Scripture: Genesis 12 through 17.
Devotional Reading: Genesis 15:1-16.

There's an old piece of doggerel that goes like this:
We are God's chosen few;
All others will be damned;
There is no place in Heaven for you;
We can't have Heaven crammed.

Many people have comforted themselves with the conviction that they were "God's chosen few." It is understandable–if not accurate–because at the heart of the Old Testament there is the concept of a "chosen people." Modified, this concept reaches on into the New Testament and Christianity itself.

"God Said:...Go!"

The concept of being "chosen," as far as the Bible is concerned, is valid, but what does it mean?

The story of Abraham furnishes us with some insight in attempting to answer that question. First of all, we find that in being "chosen" by God, Abraham received "a call" from him. In the Bible "a call" means a direct challenge from God to do something. In Genesis 12, for example, we read: "Now the Lord said to Abram, 'Go from your country and your kindred and your father's house to the land that I will show you" (12:1). Again and again in the Bible we find God making this "call" to men whom he has chosen: Moses, Isaiah, Jeremiah, Ezekiel, Samuel, Elijah, and others. Each time, as with Abraham, God comes with a challenge to perform some missions or task for the Lord.

The "call" God gives Abraham is no small request: he is to leave behind his homeland for a country utterly alien to him. Put yourself in Abram's shoes: wouldn't you find this first aspect of his call rather unnerving? Maybe being "chosen" isn't as great as we thought it might be?

"...I Will Bless You"

Yet, along with the disturbing "call" there is also a promise: "I will make of you a great nation, and I will bless you . . ." (12:2). God always equips those who embark on his challenging missions with a promise of some kind. The challenge is always conditional on the promise, just as the promise is dependent upon a response to the challenge.

Unfortunately, too many people have looked only upon one side of the covenant agreement. They have ignored the challenge and focused upon the promises. They have thought in terms of what "is coming to them" as "God's chosen," and ignored what is expected of those whom God chooses and blesses. They have concentrated upon the "honor" to the exclusion of the "responsibility."

To be sure, there is a sense of "honor" in being "chosen" by God, but his purpose in calling a person is much more a matter of the task that is to be performed. That's what it means to be "chosen."

NOW IS THE TIME...

Max Smith
County Agr. Agent
Telephone 394-6851

To Top-Dress Alfalfa Stand

The fall application of phosphorus and potash to alfalfa is strongly recommended to improve the yield for the following season. This is usually done after the removal of the last crop; this can be late in September or anytime in October and should give good results. It is doubtful if the application of any nitrogen is a good investment for established alfalfa at any time. If animals are grazing on the final stand of alfalfa, there should be a good rain between the application of the fertilizer and the return of the animals to the area.

To Get Winter Grain Supplies

The seeding of winter barley and wheat is coming fast and seed supplies may not be adequate. We strongly urge that growers get their supplies on hand of the amount and varieties wanted. Certified seed is the place to start because the cost of inputs is high and the chances of a better yield are greater with certified seeds. In addition, top quality seed should contain less disease and less weed seeds. Feed grains are in strong demand and market prices very high; local growers are urged to plant the maximum acreage and strive for maximum yields.

To Treat for Cattle Grubs

Some local dairymen and beef cow producers may be interested in controlling the grubs in their cattle. This is often referred to as "warbles" in the backs of cattle. Good control of these grubs may be obtained by treating the animals in September. The application of insecticides such as Warbex, Co-Ral, or Ruelene to beef cattle or to non-milking dairy cattle is suggested. Do not treat milking cows. The treating of cattle this month will remove the warble problem next spring. Producers are urged to recognize the time of treatment in relation to slaughter times.

To Ventilate Tobacco Sheds

The current tobacco crop is developing into a very heavy crop with extra large leaves and stems. Unless we get better drying weather, there could be some shed drying problems. We need dry weather, with clear days and low humidity to get the moisture out of the tobacco plants after they are placed in the sheds. Growers with large fans are urged to use them to get air moving through the shed. Special attention to this heavy and high-moisture tobacco crop will be needed in the next few weeks. Some growers may want to hang some of their crop on scaffolds for a few days to help eliminate the chances of shed problems.

Farm Calendar

Saturday, September 7
Sire Power - NEBA Open House 10:30 a.m. at the Headquarters in Tunkhannock.
Strasburg Heritage Society Third Annual Flea Market 9:00 - 6:00.
Buck Tractor Pull at the Buck 7:00 p.m.

Monday, September 9
9-11th National Barrow Show in Austin, Minnesota

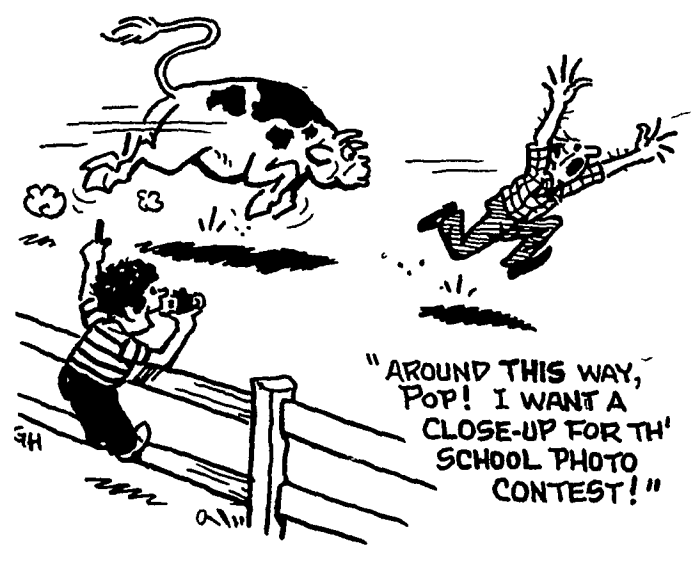
Tuesday, September 10
10-14th York Inter-State Fair

Thursday, September 12
Merrill Lynch Seminar on Hedging farm products, Lancaster Stock Yards Auction Pavilion.

Friday, September 13
Buck Tractor Pull at the Buck 7:00 p.m.

Saturday, September 14
Buck Tractor Pull at the Buck 7:00 p.m.

LAFF OF THE WEEK



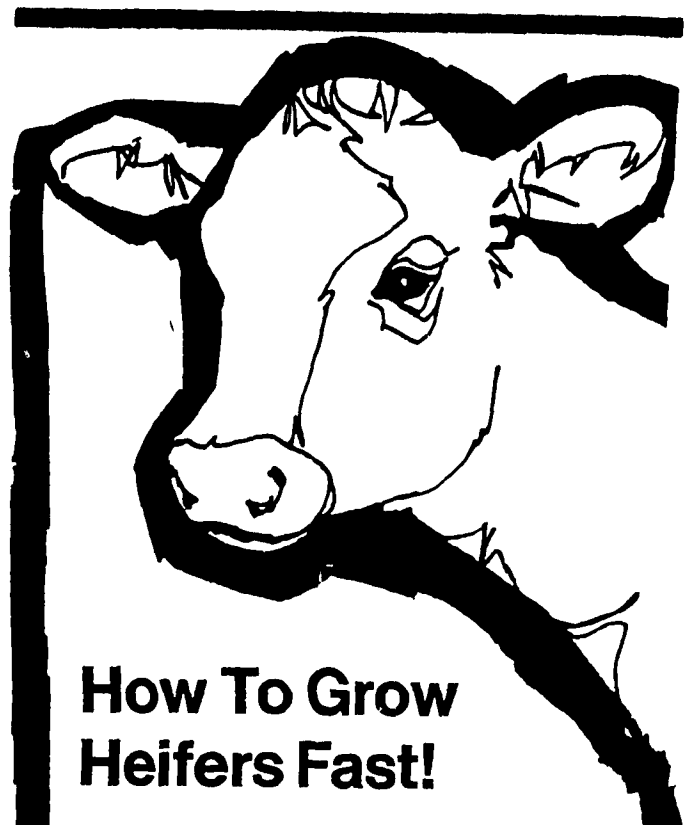
National Food Conference Sept. 13

Sixty delegates from various phases of agriculture, plus representatives of consumers and labor, as well as Congressmen, have been invited to attend an Agriculture and Food Economic National Conference to be held in Chicago on Sept. 13, Secretary of Agriculture Earl L. Butz announced last week.

"We are asking the delegates to identify what they feel are the main causes of inflation and to give their observations on the effects of inflation on agriculture and food," the Secretary noted. "We will also explore what they think the government can do, as well as what individuals, private groups, and private business can do to help dampen the tide of inflation.

Ideas and consensus developed at this conference will be passed along to the National Conference on Inflation that has been called by President Ford for Sept. 27-28 in Washington, D.C. Delegates who take part in the National Agriculture and Food Economic Conference will also participate in the Sept. 27-28 conference, the Secretary noted.

Both a preliminary after dinner evening program on Sept. 12 as well as the Sept. 13 conference will be open to the press. The meeting will be held at the Marriott Motor Hotel near the Chicago O'Hare Airport.



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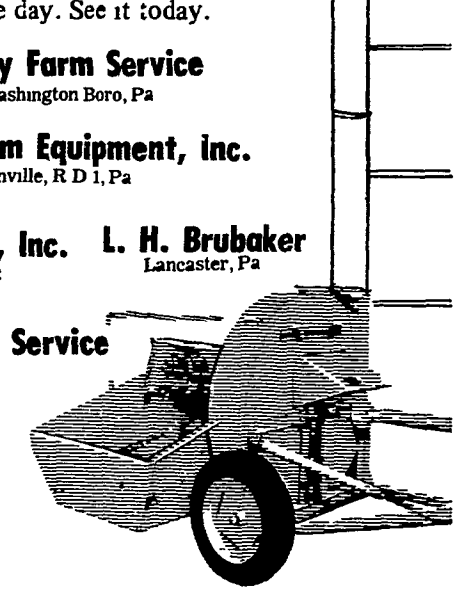


Barbara Kensinger Promoted at Bank

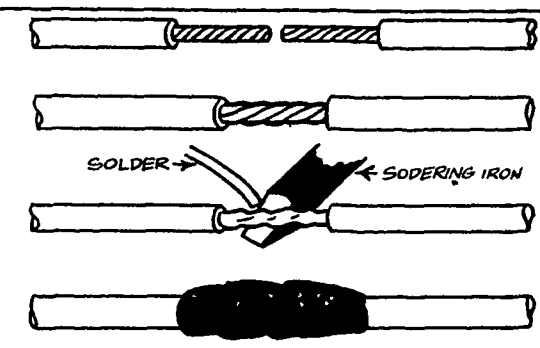
Barbara A. Kensinger has been promoted to Assistant Branch Manager of the Lancaster Office of the First National Bank of Strasburg. Her promotion was announced by Donald H. Hooecker, Executive Vice President of the Bank.

Mrs. Kensinger joined the Strasburg Bank in 1970. She was promoted to head teller of the Lancaster Office in 1971 and to loan officer and assistant personnel officer in 1973. She was previously employed by Leola National Bank.

Mrs. Kensinger is Treasurer of the Lancaster County Region of the National Association of Bank Women and is a member of the American Institute of Banking. She also served as assistant treasurer for Women's Auxiliary of The American Cancer Society.

She resides with her husband Paul and two children in Lititz, R.D.4.

Automobile Service Tips



TO REPAIR BROKEN WIRES - STRIP ABOUT AN INCH OF INSULATION FROM THE ENDS. SCRAPE OR SAND THE WIRE TO BARE METAL. BRAID THE BARE WIRES TOGETHER. HEAT THE CONNECTION WITH A SODER IRON, THEN TOUCH THE SODER TO THE WIRES. LET IT COOL A FEW SECONDS. WRAP THE CONNECTIONS WITH ELECTRICAL TAPE

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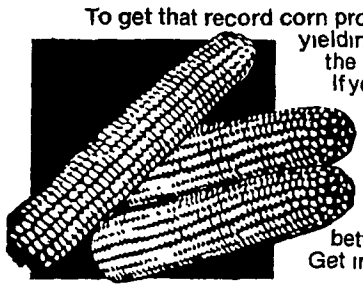

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If you buy right now, you'll get outstanding NK corn hybrids that can make this your best year yet — plus $1 00 off every bag you buy! (Buy 10 bags and double your savings with quantity discount. Ask your dealer for details) Challenge the hybrid you've been using with one of the proven NK-Superstars that have been setting impressive yield records on farms just like yours. PX 610. PX 616 And PX 77. Ask your dealer about new NK hybrids developed especially for our area, including the remarkable PX 606 that in test trials has out-yielded Superstar favorites PX 610 and PX 611. Or you may want the promising, later-maturing PX 74 that in test trials has yielded better than first-place N C G A Pennsylvania winner, PX 77

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Gizzard Size Linked To Broiler Problems

DIFFERENCES in the weight of gizzards and in the separation between the glandular stomach and the gizzard may be the key to solving some of the problems of producing cage-reared broilers.

Research indicates that cage-reared broilers receiving a basal diet like that used in commercial operations, have significantly lighter gizzards, when expressed as a percentage of body weight, than do floor-reared broilers on litter diets. The separation between the proventriculus (glandular stomach), and the gizzard is also less prominent in caged broilers on the basal diet.

Nutritionist Leon F. Kubena, and his associates, working at the ARS South Central Poultry Research Laboratory, Mississippi State, Miss., have discovered that gizzard size is influenced by diets containing ground litter or ground oak shavings. The gizzard, the muscular posterior stomach of chickens, grinds and crushes coarse, heavy food particles for better digestion.

Gizzard size may have some effect on injuries to cage-reared broilers. Problems encountered with cage-reared broilers include broken bones, leg problems, breast blisters, and body fat content during meat production; and fatty liver syndrome, cage fatigue, brittle bones, and shell problems during egg production.

Dr. Kubena's research, conducted in an environmentally controlled house, involved commercial broilers of both sexes. All broilers were fed a basal diet containing 23-percent protein with a metabolizable energy value of 3,306 kilocalories per kilogram of diet for the first 4 weeks. During the second 4 weeks, the diet consisted by 21-percent protein with a metabolizable energy value of 3,372 kilocalories per kilogram of diet.

Test groups consisted of floor-reared and cage-reared broilers fed only the basal diet, cage-reared broilers fed a basal diet plus 3-percent ground litter, and cage-reared broilers fed a basal diet plus 3-percent ground oak shavings.

In each trial, at 8 weeks of age, approximately 30 males and 30 females were randomly selected, weighed, and their gizzards removed. The gizzards were then cleaned with the lining intact and immediately weighed.

Analysis of variance for gizzard weight was performed by Arcsine Percentage Transformation (tabular conversion to percentiles), for gizzard weight as a percentage of body weight.

Cage-reared broilers on the 3-percent litter diet had significantly heavier gizzards (3.85 grams greater) than the cage-reared broilers on the basal diet. Both groups had gizzard weights lower than those of the floor-reared broilers.

The cage-reared males receiving the diet with 3-percent ground shavings had gizzards equal in weight to the floor-reared males on the basal diet, while the cage-reared females on the diet with 3-percent ground shavings had gizzards heavier (.71 grams greater) than the floor-reared females on the basal diet.

Increases in gizzard weight in the floor-reared broilers and the cage-reared broilers on 3-percent litter or ground shavings diets might be a developmental response of muscle tissue produced by the physical features of the ground litter or shavings, Dr. Kubena said. It is also possible that physical exercise might be a factor, since the caged broilers are more confined than the floor-reared broilers.

In Australia, it was believed that carnelians would cure tumors and respiratory diseases, strengthen the voice and stop bleeding!

Merrill Lynch Seminar On Hedging Set

A seminar on hedging farm products has been scheduled for 8:00 p.m. on Thursday, September 12, at the Lancaster Stock Yards auction pavilion. The seminar will be conducted by representatives of the Merrill Lynch brokerage firm.

Dwayne Swarts, a broker with the firm, said that the public is invited to sit in on the seminar. More information can be had from Swarts by calling him at 717-232-8611, extension 207.

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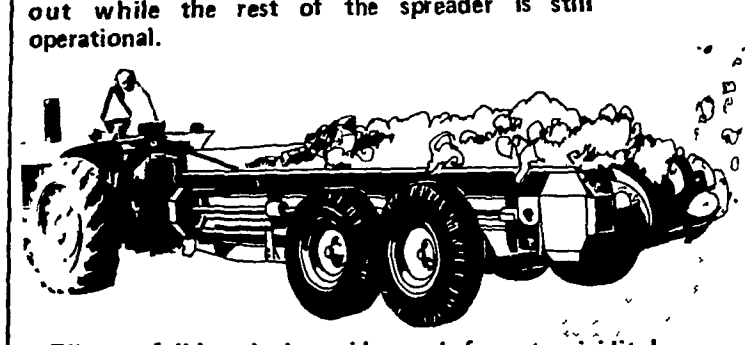

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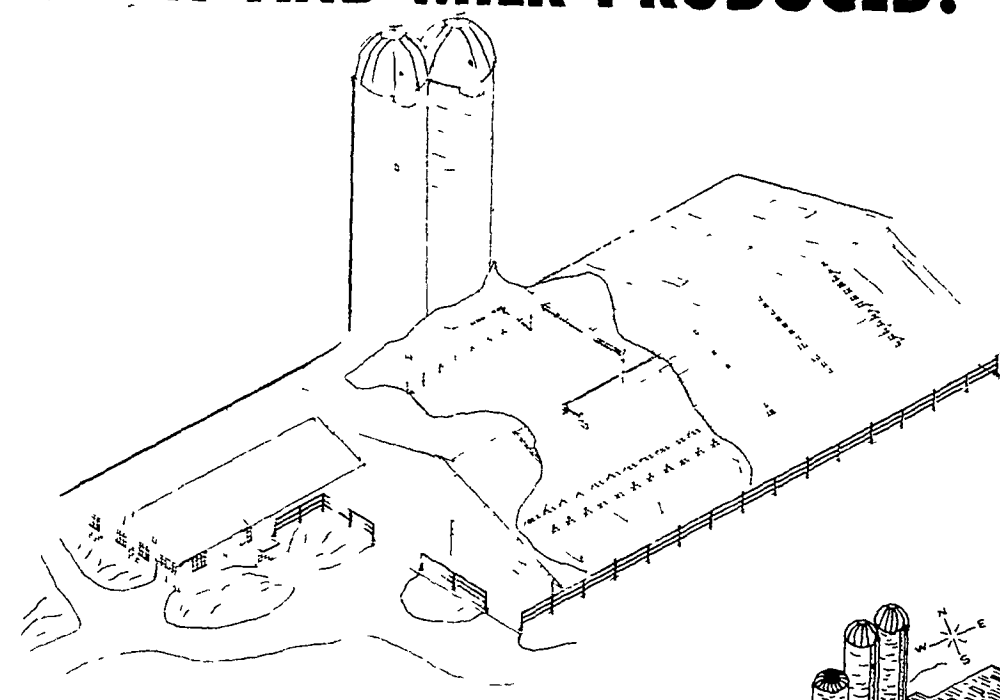

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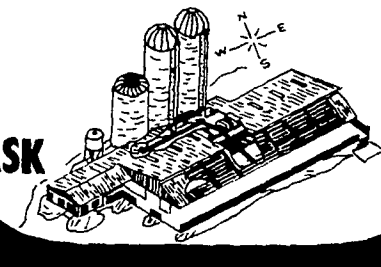

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Busy Young Farmer

(Continued From Page 1)

calves and half to raise his hogs. He also included an office for himself where he keeps his records and trophies.

Lloyd has 16 sows which he rotates in four groups and raises the small pigs until they have reached 40 pounds and then sells them as feeder pigs. He also trys to keep about 70 veal calves a year.

Besides his animals he also raises some hay and corn. Custom livestock hauling is also one of his activities that has earned Lloyd some extra money.

Lloyd's outstanding farming program earned him the County FFA Star Farmer Award this summer. The award was based on a record of his operation in farming and on a personal interview conducted by several area businessmen.

Lloyd, who will be a senior at Garden Spot High School this Fall, is also active in his church youth group and in the National Honor Society. Being president of the Grassland FFA has meant serving on every committee for Lloyd.

Lloyd expressed an interest in continuing his farming after he graduates from high school.

"I can see a future in farming" he said, "especially in raising purebred Duroc hogs."

Lloyd has built up his herd by himself and is proud of the animals that he has shown.

"I would like to continue building up my herd of animals and keep showing them; it gives you a good feeling to know that you've developed the kind of animals that bring prizes," he explained.

Lloyd has not only gained recognition in this area but is now being considered as a young farmer to represent agriculture in the United States in France. If selected by the French Government, Lloyd will spend some time in that country as an exchange student.

Lloyd is the type of person who dedicates himself to his work as evidenced by his efforts on the farm and in FFA activities.

As well as being an outstanding young farmer he is also a good citizen as well especially since the radio station WSBA recently named Lloyd as "Citizen of the Week".

Veal Calves is only one of the projects that Lloyd has undertaken as a young farmer. He also raises market hogs and corn.

Raising purebred Duroc hogs is one of Lloyd's enterprises. He is especially proud of the animals that have won prizes.

Rural Water Guide Published

A unique new book, **Guide to State and Federal Policies and Practices in Rural Water-Sewer Development,** has just been published by the national Commission on Rural Water.

The guide brings together, for the first time, all currently available information on both federal and state rural water and sewer programs. It was written to meet the need of local, state and national planners and officials – and others interested in rural development – for a single reference work in this important field.

Contents include a summary and analysis of current policies and practices; and an agency-by-agency and state-by-state survey of research, regulatory and funding programs. Numerous tables are included to summarize both the similarities and differences between the states' programs in several important categories.

The result of exhaustive and up-to-date research, the more than 500-page guide has been printed in an easy-to-read 8½x11 inch, softcover format. Cost is $7.50 and it can be ordered from the Information Clearinghouse, Commission on Rural Water, 221 N. La Salle St., Chicago, Ill. 60601. If payment accompanies the order, all postage and handling charges will be paid by the Clearinghouse. Volume prices, and information on other Commission publications, are also available upon request.

Consumers' Corner

Treat Stains Soon

Your favorite soap or detergent could well be the best stain remover in your household Its always on hand, inexpensive and safe to use

Next time you find a problem stain on a washable fabric, try one of the following methods

For blood or meat juices soak soiled area in cold water about 30 minutes If stain remains, work soap or detergent into the stain ,rinse and launder as usual

For chocolate, gravy or lipstick stains work paste of soap or detergent into stain Launder as usual If grease remains, sponge with cleaning fluid

To remove milk, egg or ice cream stains, soak fabric in cold water rub paste of soap or detergent into stain and launder as usual

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FOX

The eggs from the 30,000 bird laying flock at Vernon Leininger's Ko-Ka-Le-Ko Egg Ranch, Denver RD2.

Leininger's father, on the right, helps keep the family-operated producer-packer facility running smoothly.

Denver Man Heads

(Continued From Page 1)

with corn that flourishes in fields that are heavily fertilized with chicken manure, an excellent source of nitrogen.

The birds in Leininger's flock are kept for one laying cycle only. He doesn't believe in force molting because, he said, "The feed conversion is much more efficient with a pullet than it is with an old hen. That's why we get new birds every 12 months. That way, we're only out of production for a week."

He noted that pullet costs were skyrocketing lately, which might make some egg producers who wouldn't ordinarily molt their birds consider the practice.

The Pennsylvania Poultry Federation which Leininger heads represents the interests of the state's 12,000 poultry farmers, though not all belong to the organization. "We keep an eye on legislation and government regulation of out industry," Leininger said. "We protect the interests of poultry and egg producers, processors and allied industry, as well."

Among the programs undertaken by the federation are continuing education programs, public relations activities, scholarships and assistance with disease control and research activities.

Leininger feels the state's poultry industry is approaching a point of crisis right now. "We have an unusually large supply of poultry products," he said, "which drives down market prices, and our members are facing big jumps in their costs of production, which means they're being caught in a bind. We are getting fewer placements right now, and that will help to bring supply and demand back into balance.

"Our problem we can't get around, though, is the fact that we'll eventually reach a point where consumers just will not pay more for poultry products. And I'm sure that ultimate price level will not enable poultrymen to make a profit unless feed costs come down.

"Unfortunately, getting supply and demand intobalance, and getting retail prices to reflect increased production costs is a slow process, and some poultrymen aren't going to be able to weather the storm. They'll go out of business. I feel, and the federation feels, that this is coming at a time when the industry was stabilized, and further reductions in the number of poultry producers will not be good for the industry of the economy."

Leininger added that the PPF has gone on record to inform the state's lawmakers about the high prices of grain and other necessities for poultry production.

xxx

Many of the State Civil Service Commission's leaflets offer suggestions on how to make written state civil service tests less nerve-wracking. They are available free of charge from the State Civil Service Commission or from local offices of the Bureau of Employment Security.

QUICK QUIZ!

BY THOMPSON

Even if you think you couldn't tell a hammer from an open end wrench, chances are you know more about basic household tools than you think. Why not take this quick quiz and find out if it's true?

1. Experts would probably suggest that it's best to keep tools (a) in a drawer (b) in a big metal box (c) in two boxes.

2. A good number of assorted screw drivers to have is (a) two (b) three (c) five.

3. The basic type of pliers to have at home is called (a) slip-joint (b) needle-nose.

4. High-quality tools, rather than the cheapest ones, are important for (a) long-range economy (b) safety (c) ease of use.

5. When using a hammer, the best kind of striking motion is (a) dead center (b) at a slight angle.

* * *

Answers

1. (c) Two boxes is best. If you keep tools in a drawer, you'll have to carry them in hands and pockets to wherever the repair is. One tool box can be very heavy to carry. With two tool boxes, you can put the instruments you use often into one--the others into another.

2. (b) Basically, you need three screw drivers: two of the conventional flat-blade type--one medium and one small--and one with a recessed, Phillips-type head for the repair of items that need this.

3. (a) Slip-joint pliers are the basic tools with serrated jaws. By shifting the positions of the handles you can grasp objects of different dimensions.

In England, it's believed that a double hazelnut carried in the pocket prevents toothache.

4. All three are true. Tools such as those manufactured by Ritco--the newest division of The Ridge Tool Company--are of high quality and made for the hobbyist or do-it-yourselfer. They'll last a long time, allow you to do many repairs yourself, are well balanced for ease of use, and are made of fine quality materials.

5. (b) The head of a hammer will have less chance of sliding off if your blow is not dead center.

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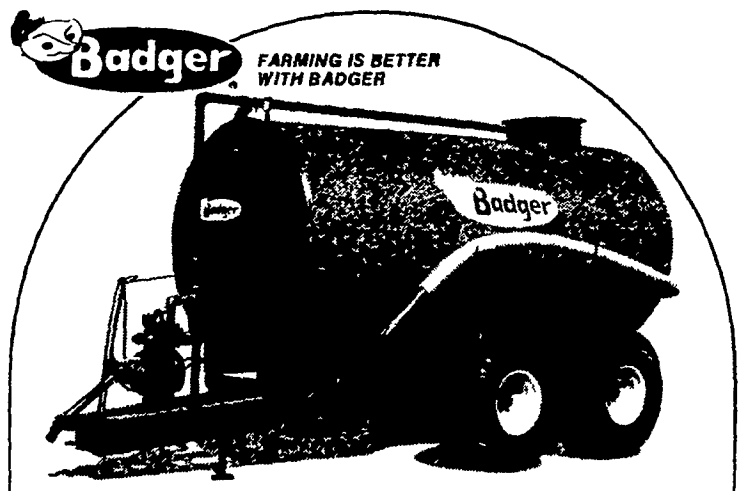

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2476	3 bottom 16" Spring trip plow	2591	860 Ford Tractor 1956
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State Grange Warns About Milk Prices

Grain shortages threatened by the Midwest drought could force 1974 milk production in the United States to the lowest level in more than 25 years, the Pennsylvania State Grange warned today.

"In the first seven months of this year, 1.9 percent less milk was produced than in the first seven months of 1973," said A. Wayne Readinger, state Grange master. "And," he pointed out, "last year's milk production in the United States (115.6 billion pounds or 53.7 billion quarts) was the lowest for any year since 1952."

This trend was evident four months ago, he said, when the Grange warned that "American consumers could be facing a serious milk shortage if existing production trends continue."

At that time, before drought hit the Midwest, conditions indicated U. S. farmers would produce bumper crops of grain for feeding dairy cattle, livestock and poultry.

Now the outlook is for a feed grain crop about 15 percent smaller than last year's.

"In the space of a few months, Readinger said, "we have gone from the promise of record yields to the threat of shortages."

In evaluating the impact of the drought earlier this week, State Agriculture Secretary James A. McHale stated that "The American consumers in the next couple of years will face shortages of beef and dairy products and a continued inflation of food prices. One bad harvest year and this trend could be magnified."

There is reason to be concerned, Readinger pointed out, for future milk supplies and prices.

"Of course we must recognize," he said, "that changing eating habits of the American people may appreciably alter the demand for milk. And we must realize that total milk production must be related to all uses of milk – for cheese and ice cream manufacturing for cake mixes, for cooking and other purposes, as well as for drinking.

Pennsylvania consumers may be more fortunate than those in many other sections of the nations, Readinger said, since there is legal machinery available in this state to help control inflationary milk prices.

The Pennsylvania Milk Marketing Law, Readinger stated, provides that the Milk Marketing Board "shall fix, by official order, the minimum wholesale and retail prices and may fix, by official order, the maximum wholesale and retail prices to be charged and received by milk dealers or handlers" in the Commonwealth.

"It means," Readinger declared, "that the Milk Marketing Board is empowered by law to take action against runaway milk prices."

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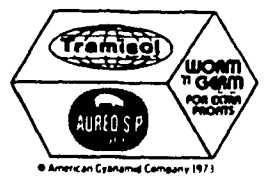

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Turfgrass Field Day A Success

Nearly 300 persons from a six-state area and the District of Columbia attended the first Maryland turfgrass research and equipment field day on Aug. 8, according to Dr. David S. Ross, Extension agricultural engineer at the University of Maryland in College Park.

The event was held at the university's Hopkins plant research farm near Calverton (Montgomery County) on Cherry Hill road, north of College Park.

Turfgrass maintenance professional workers concerned with highways, hospitals, parks, sod farms, golf courses, military bases, educational institutions, governmental agencies and public utilities were among those in attendance.

They saw 23 experiments being conducted to learn more about turfgrass varieties, insect control and disease resistance, fertilization, drought-tolerance, mowing height and other factors affecting the maintenance of good quality turfgrass under Maryland conditions.

In addition, 11 equipment dealers provided a display of machinery needed to maintain established turfgrass. The equipment included mowers--ranging from small, heavy-duty walk-behind units for small areas--to larger turf-type tractors and mowers for parks and highways. Sprayers, fertilizer spreaders, seeders, trailers and sweepers were also displayed.

The field day was sponsored by the agronomy and agricultural engineering departments at the University of Maryland, along with the Cooperative Extension Service and the Maryland Turfgrass Council. Co-chairmen were Dr. Ross and Dr. John R. Hall, Extension management specialist.

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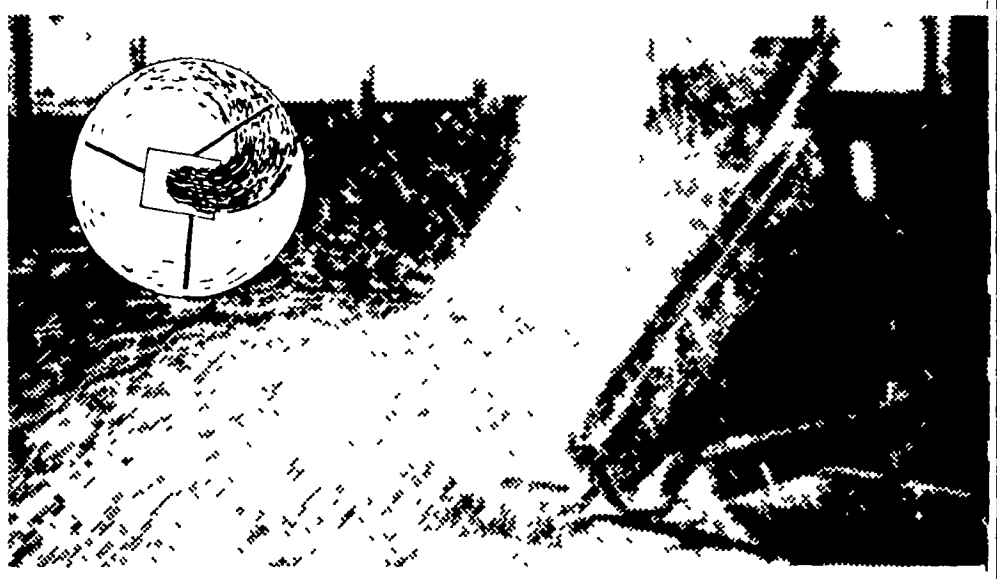

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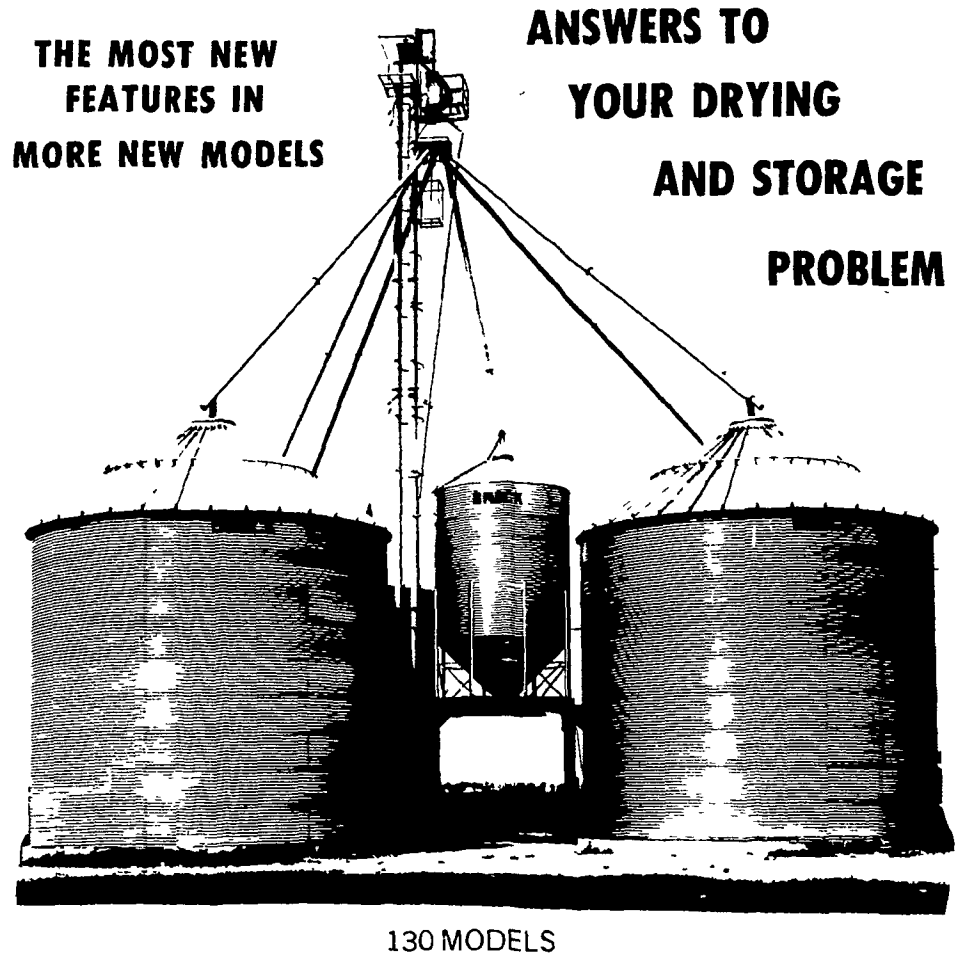

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Principal guests at the Simmental Field Day were from left: Don Vaniman, Executive Secretary of the Simmental Association, Dr. Thomas Conrad, president of the Pa. Simmental Association, Gene Folck, Ohio Simmental representative, Ansul Armstrong, president of the New Breeds Industry and Dr. Lowell Wilson, beef specialist at the Pennsylvania State University.

Contestants were asked to judge several Simmental cows according to the weight of the calves they had weaned over a two year period.

Large Crowd Attends Simmental Field Day

(Continued From Page 1)

good qualities in milking and beef production.

In listing the advantages of crossbreeding, Dr. Wilson said that a crossbreeding program can increase fertility by 15 percent, weaning weight by 10 percent, growth by 5 percent and net profit as high as 25 percent. This is however, he qualified if the program is a complimentary one in which the good qualities of both breeds compliment each other.

"A good program," he explained "depends on the plan you follow, a base for selection of animals, good management and using the breed best suited for your interest."

"Although many producers will stay with purebred breeds," he commented "within the next twenty years many producers will also be crossbreeding for vigor and carcass quality."

Others speakers for the afternoon program included Harry Stanbach, president of the Pa. Cattlemen's Association. Stanbach described the bull testing program at Penn State and also encouraged interested cattle producers to join the State Association.

Also present to speak on behalf of the Simmental Breed was Don Vaniman, Executive Secretary of the American Simmental Association, along with Gene Folck of the Ohio Simmental Association and Ansul Armstrong, president of the New Breeds Industry from Manhattan, Kansas.

The Simmental Breed of Cattle is relatively new to this country as the first bull was brought to the United States in 1967. In October of 1968 the American Simmental Association was formed in order to promote the breed of cattle and to organize registration and performance record facilities.

Simmentals themselves are one of the oldest breed of cattle. They originated in the Simme Valley of Switzerland and spread throughout Europe, Russia, South Africa and the Mid East.

They are rapid growing animals usually producing large calves and weaning calves at high weights. They are milk producing animals as well as beef animals and are noted for their docile nature.

As they are introduced to cattlemen across the country the breed has become more and more popular resulting in increased registrations.

The Conrads of Beechdale Farm first got interested in the Simmental Breed about two years ago. Mrs. Conrad explained that they especially liked the cows for their docile nature and felt that they were becoming a popular breed.

Since Simmentals are often used in crossbreeding programs, Conrads have bred Hereford, Guernsey, Angus and Charlois cattle with Simmental semen and presently have 90 animals.

Last year at the Allentown Fair, the Conrads showed the Grand Champion Female Cow and have won other awards also.

Presently there are 39 state associations for Simmental Cattle with approximately 30 members in the Pa. Association.

Don Vaniman and Ansul Armstrong discuss the cattle business during the tour of Beechdale Farms.

Farm Population Stabilizing

The U.S. farm population declined only 0.8 percent a year from 1970 to 1973, contrasting sharply with 4.8 percent average annual declines in the 1960's according to a U. S. Department of Agriculture report issued today.

Economic Research Service (ERS) figures now show about 9.5 million people living on farms. Losses of farm population continue in the South and Northeast regions of the country while the West shows an increase. The North Central area showed little change in farm population.

The ERS estimates also reveal that during 1970-73, the net loss to the farm population through people migrating from farms or reclassification of their residence from farm to non-farm averaged 113,000 annually. Although the absolute average loss has been steadily declining as the number of potential migrants diminished, this was a 40-year low.

Copies of "Farm Population Estimates for 1973", ERS-561, are available by phoning (202) 447-7255 or by writing Economic Research Service, DI, U. S. Department of Agriculture, Washington, D.C. 20250. Please combine your zip code and address.

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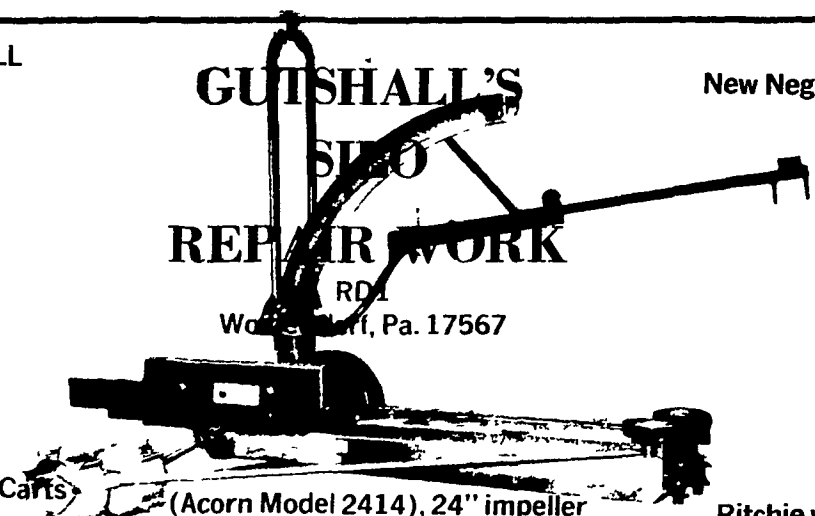

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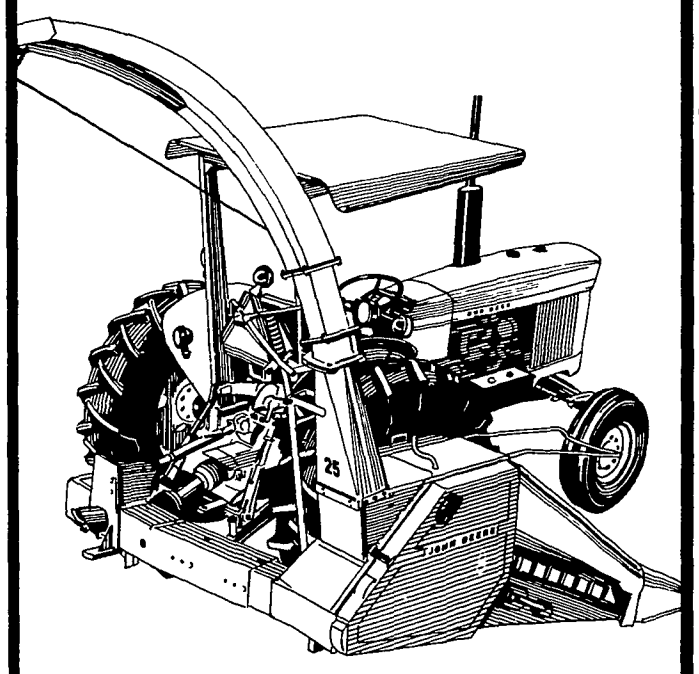

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Summary National Food Situation

Rising prices for many important agricultural commodities, induced by unfavorable weather conditions over much of the United States, appear likely to cause further advances in average retail food prices during the last half of 1974. Instead of remaining steady during the third quarter and declining slightly in the fall, as estimated earlier this year, they are now expected to rise about 3 percent during the third quarter and little more in the fourth quarter.

For all of 1974, grocery store food prices are now expected to average about 15 percent above 1973. This compares with last year's advance of a little over 16 percent for this category. With prices for restaurant meals and snacks rising nearly as much as groceries, the all-food retail price average for 1974 may also be up nearly 15 percent from 1973. This is practically the same rise as last year.

Much of the increase in food prices for the third quarter will be associated with crop-related products. Retail prices for vegetable oil end-products, cereal and bakery items, beverages and sugar products are expected to continue higher through the remainder of 1974. Retail prices for canned and frozen fruits and vegetables are also likely to rise further. Fresh fruit and vegetable prices are likely to decline seasonally in the fall. Average retail prices for animal-related products are expected to increase moderately before stabilizing this fall. Advances for red meat, eggs, and fishery products in the third quarter may be only paritally offset by a modest decline for dairy products. Red meat prices may decline seasonally later this fall and generally offset increases for most other animal-related products.

These price estimates are based on supply and demand prospects assessed as of mid-August, including general inflationary pressures. Further reductions in farm output on the order of 3 percent from currently expected levels and stronger demand could result in a 6 percent-7 percent increase in retail food prices in the second half. For all of 1974 retail food prices would average about 17 percent above a year earlier. Conversely, if there were larger farm output of about the same magnitude, and declining domestic and world demand conditions, retail food prices could decrease a little late in 1974. Under these conditions the all-food average for 1974 would still be about 13 percent avove last year.

The second quarter Consumer Price Index for food averaged 1.7 percent above the winter quarter, up less than the previous 4½ percent quarterly rise. A 3 percent advance for food away from home prices exceeded the 1.4 percent rise for groceries. The Consumer Price Index for all items less food, including both commodities and services, averaged about 3½ percent above the first quarter.

Substantial recovery from 1973's reduced red meat consumption levels together with increases for poultry, fruit, potatoes, cereals and sweeteners is expected to bring per capita food consumption to a record high level this year, over 1½ percent above 1973. With more meat, fish consumption will likely decline slightly from the high level attained in 1973 and the downtrend for eggs is expected to continue. While per capita consumption of animal-related food products is expected to increase 2½ percent over last year, it will still average 2 percent under the record highs of 1971 and 1972 due to lower levels for meat, eggs, and animal fats.

Personal consumption expenditures for food in the second quarter rose slightly more than $3 billion, over 2 percent above the first quarter, to nearly $161 billion (seasonally adjusted, annual rate). Most of this increase was due to an increase in expenditures for food eaten at home, although those for restaurant meals and snacks were up also. Total spending for food was nearly 15 percent above the second quarter of 1973, reflecting higher prices.

Participation in the Food Stamp Program rose to 13.7 million people in June, 12 percent more than a year earlier. The value of bonus stamps in the first half was nearly 50 percent above a year earlier, due largely to increases in the bonus stamp allotment which is adjusted to reflect increases in the cost of the economy food plan.

This year's production of U. S. farm food commodities is expected to be down from 1973, with a 4 percent increase for livestock items more than offset by a nearly 8 percent drop for crops. The reductions for crops largely reflects the smaller feed grain and oilseeds harvests in prospect this fall. Civilian food use of farm food commodities may increase nearly 3 percent from last year's reduced level, matching the record high of 1972. Exports of farm food goods may be down more than a tenth from the 1973 record.

Reinhart Promoted

Douglas H. Reinhart has been appointed to the Advertising and Public Relations Department of American Breeders Service, DeForest, Wisconsin, according to an announcement today by Lawrence W. Keeley, Director, Advertising and Public Relations. ABS, a division of W. R. Grace & Co., is the world's largest cattle breeding organization, involved with A.I. business developments in all 50 states and provinces of Canada, plus 45 other countries. Mr. Reinhart will be responsible for obtaining photographs of daughters of ABS Genetic Harvest and breeder-proved sires, plus assisting with news releases and other public relations functions. He replaces Mrs. Ronald Lenth, who was promoted to the ABS Dairy Advertising Staff.

Prior to his new appointment, Mr. Reinhart served as ABS' District Sales Coordinator in western Wisconsin, where he was instrumental in increasing the firm's A.I. business. A graduate of the Institute of Agricultural Technology, Michigan State University, Reinhart served as President of Alpha Gamma Rho Professional Fraternity. After graduating from college, he managed several large dairy herds, including a 300-cow herd near Columbus Grove, Ohio, and a 200-cow registered Holstein herd in Millerton, New York.

Mr. Reinhart was employed as a market representative and inspector for the Michigan Milk Producers of Detroit, Michigan. For two years he served as an agricultural volunteer, serving with the Peace Corp in Iran. A native of Paulding County, Ohio, he was born and reared on a 200-acre dairy farm and was active in 4-H and FFA.

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Avocado Spread: Peel and remove seeds from 2 soft-ripe small avocados Place in blender jar and puree (makes about 1½ cups). Add 3 tablespoons tomato catsup, 1 tablespoon lemon juice, 1 teaspoon salt, ½ teaspoon onion powder, 1/16 teaspoon garlic powder, and 1/16 ground red pepper and blend until smooth. Spread over hot ears of corn. The yield is sufficient spread for 12 ears of corn.

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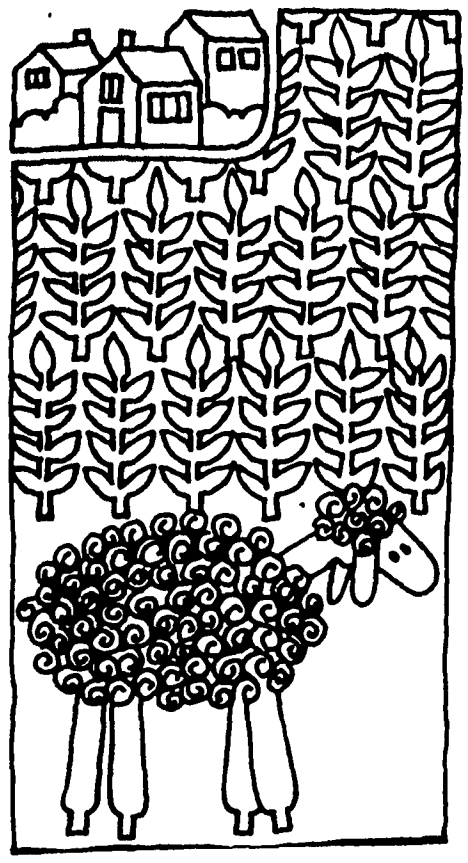


THE ACRE TAKERS

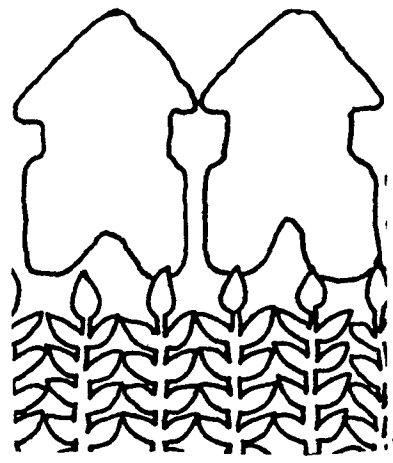
From our Nation's 2,264 million acres of land we feed, clothe, and house some 212 million people—and produce still more items for export. Just how our land area is divided up and the changing uses of agricultural land are detailed in this story.

Our Nation's cropland resources cover 472 million acres—but not all of that total is actually devoted to crop production in a given year. In fact, at the time of the last agricultural census, the acreage used for crop production amounted to only 71 percent of the land available; about 18 percent of the land was used for temporary pasture and the rest was idle or in soil improvement crops.

Housing our population doesn't take much room. All the cities, towns, and suburban developments put together occupy only 35 million acres—or less than 2 percent of the country's total land area. Feeding and clothing our population requires at least 30 times more land than housing.

Cropland use isn't static. From 1950 to 1962, the acreage of cropland used for crops declined 15 percent as a result of Federal programs aimed at shifting cropland from production to soil conserving uses. Since 1962 crop acreage has fluctuated by several million acres, more or less in balance with crop demand.

Although cropland acreages generally have been trending down since 1950, numerous localities have enjoyed gains. The biggest acreage gains occurred in the lower Mississippi Valley, central and southern High Plains, central California, and northern Montana. Not quite as large but nevertheless substantial increases also occurred in the Corn Belt, the Dakotas, Florida, and several areas of the West. In general, cropland development in the East is associated with wetland drainage and in the West with more irrigation and improved dryland farming.



Productivity per acre of cropland used for crops has increased more than 50 percent in the past two decades—the result of a combination of factors. In general, the adjustments in the acreage used for crops have resulted in increasingly concentrated cropping of the most productive land, both on individual farms and by areas and regions. The substitution of new cropland and improvement of existing cropland by such means as land forming, drainage, and irrigation have also upgraded the acreage used for crops. To these improvements in basic land capability have been added larger inputs of fertilizer, pesticides, and herbicides; and improved plants, machinery, and equipment.

Livestock graze on about 890 million U.S. acres—roughly two-fifths of the total national land area. The amount of cropland and grassland used for pasture has dipped slightly since 1950—but there's been close to a 40-percent falloff in the forested grazing area. The result has been a 130-million acre decline in grazing space over the past two decades. However, remaining grazing acreage has been significantly upgraded by gradual substitution of better land, brush clearing, fertilization, and other means.

It takes water to make land produce. Approximately 4,700 million acre-feet of water (rain, snow, sleet, or hail) fall on the United States each year. About 70 percent of this water evaporates or is used by plants through transpiration. Out of this comes the largest agricultural water use—nonirrigated crop, pasture, and forest production. Only about 1,350 million acre-feet of this water that falls each year is available for diversion from streams and for replenishing ground water supplies. We withdrew about 370 million acre-feet of this total in 1970, roughly a third of which was for irrigation.

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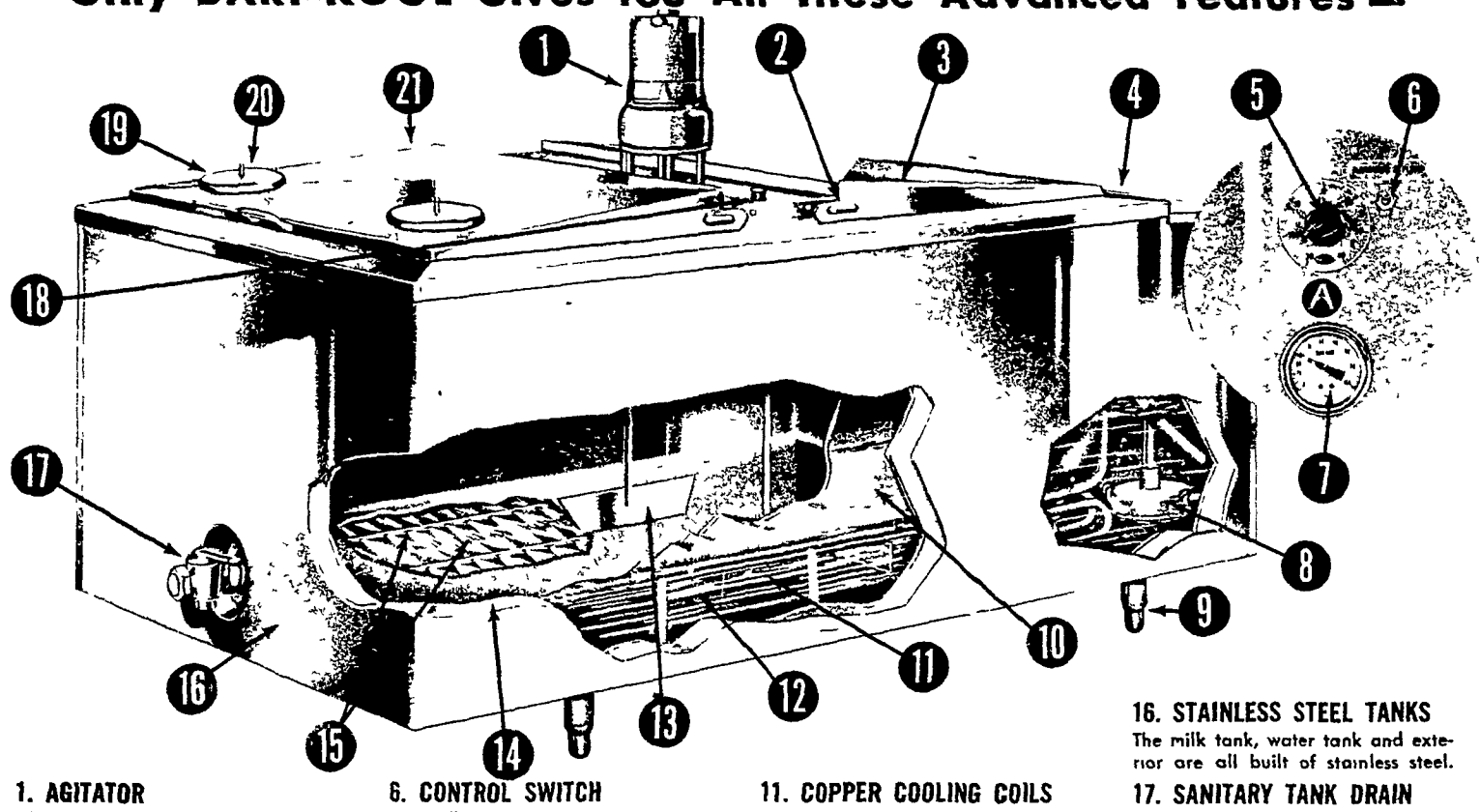

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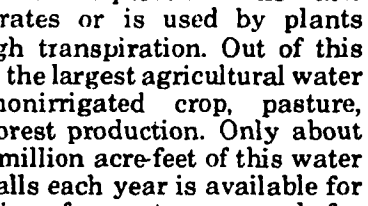

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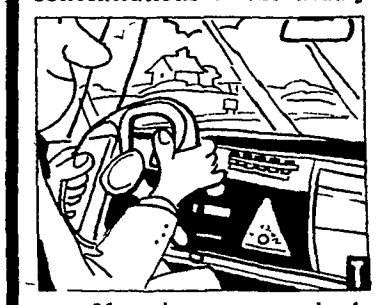

gas. If carbon monoxide is present the sensitive indicator tablet turns from its normal tan color in progressively darker shades to black, depending on the strength and concentration of the gas. Called LIFESIGN, and manufactured by Tempil, the indicator comes with a badge that holds the replaceable indicator tablet.

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John Hix, left, and Berks County Agent James Haldeman share a moment of mirth at the Rae Hix open house on Wednesday. John Hix, Rae's son, oversees the beef feeding on the family's diversified farm enterprise near Mohrsville.

Crowd of 600 Attend Rae Hix Open House

[Continued From Page 1]

Angus are smaller than the Holstein and some other breeds used for beef. Because they are smaller, they reach their mature skeletal size sooner. And once an animal achieves 60 percent of its mature skeletal size, its protein needs change. An Angus or Hereford weighing 500 pounds or less needs from 12 to 14 percent protein in its ration. From 500 to 750 pounds, the animals can get along on 11 to 12 percent protein, and over 750 pounds, they will gain satisfactorily on a ration that is just 10.5 percent protein.

Burdette told the group that the proper ration was extremely important to the cattleman's profit potential. "You can't afford to overfeed your animals, but you can't afford slow gainers, either," he said. "Last year, if you borrowed money to pay for feeders, your interest alone on each one of those animals was running 11 to 12 cents a day."

Non-protein nitrogen sources - chiefly urea - can be a big help to cattle feeders, Burdette said, although he did add that he doesn't recommend feeding NPN to cattle under 500 pounds. He said farmers should check their feed tags so they know for sure what they're getting in the supplements they buy. Many supplements, especially the LPS forms, are not good sources of calcium.

Burdette told the group, too, that they should let the kind of feed they're using determine the kind of supplement they buy. A feeder using lots of corn silage would buy a high calcium low phosphorous supplement, while a farmer feeding lots of alfalfa hay or haylage would want a supplement with about equal parts of calcium and phosphorous.

Louis Moore told the group about the same story he's told other groups recently. "If you're lucky, you'll break even in the cattle business this year," he said. Moore feels that the spread between market cattle and feeders may widen a bit, but the corn price would make buying even cheap feeders an expensive mistake.

"I'm not saying," the economist noted, "that no one should be feeding steers this year. I know a lot of you are locked in to feeding steers because you've got a lot of silage corn, and you've got the silos and the feedlots and you have to feed them. You can't take your silage down to the Philadelphia docks, so you've got to do something with it."

A primary cause for the slump in cattle feeding potential is the fact that the industry has been building inventories for the past five years. Moore said that even though feed lot numbers are down, there are still enormous herds of beef on grass ranges. He said the cattle herd now numbers around 138 million, up 20 percent in five years.

Many of these animals should be coming to the market in the months ahead, Moore predicted, as some cattlemen begin liquidating herds. He said western ranchers could be bringing a lot of cattle to market, especially if the quality of the grass ranges slips this fall.

On the subject of bull beef, Moore said last year was a good year because packers were looking for "anything on four legs". Conditions this year are not as good for the bull meat producer, and choice bulls are now selling for a good $10 less than choice steers. He said he doesn't see much of a chance for bull beef prices to get back to the level of steer prices. He also said he sees a lean two to three years ahead for Pennsylvania cattle feeders.

Dr. Sam Guss took the podium after Moore to talk about the art of starting feeder calves. "You can spend all kinds of money on vaccines to cure diseases, but if you don't eliminate stress, you're still going to wind up with dead calves," Guss said.

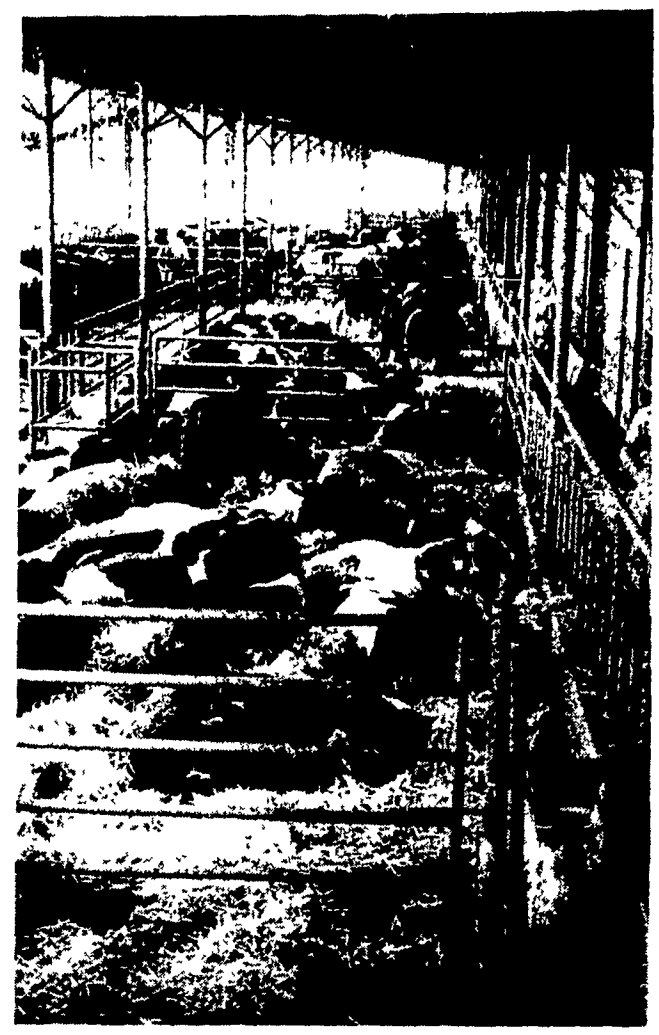
"Another thing you have to remember is that all of the viral vaccines we have now are made from modified live virus," he noted. "And if an animal is stressed after getting a live virus vaccine, it can still come down with the disease it was vaccinated against."

Poor ventilation is the primary cause of stress, Guss pointed out. Another source of stress is putting new calves in pens with watercups and no troughs, a condition which causes stress because new calves don't how how to use watercups. Guss also cautioned against giving too much grain to new calves because they can't digest it properly.

"Give those calves all the water they can drink when you get them home," Guss said, "and don't stir them up. To cure acidosis in calves that have just gotten off the truck, you can put baking soda in their drinking water. Use one pound of soda to every 20 gallons of water, and you'll take care of the problem."

Other good ways to eliminate stress are to worm calves after they're eating well and controlling grubs and lice.

For home raised calves, Guss feels the best kind of feed is soured colustrum. "Take the first seven milkings from the calve's mother, put it in a clean plastic pail, keep it warm and covered, and you'll have enough colustrum to feed that calve until it's weaned," Guss said. The soured colustrum should be stirred every time it's fed, and it should be mixed half-and-half with water.



More than 300 dairy bull beef animals were on view here in the beef barn on the Rae Hix farm in Berks County. More than 600 visitors turned out for an open house tour of the Hix farm on Wednesday.

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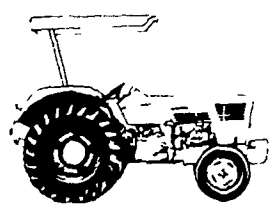

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Controlling Insects For Healthier Cattle

CATTLE PROTECTED against horse and horn flies are healthier and have greater muscular development than unprotected cattle, according to a 2-year sudy conducted by the Delta Branch Experiment Station at Stoneville, Miss.

ARS entomologist Richard H. Roberts said that test cattle, sprayed on a weekly basis with an insecticide mixture, were plagued by fewer flies and gained more weight than an untreated control group.

The cattle were sprayed with a water-based spray containing 0.5 percent methoxychlor, 0.5 percent carbaryl, 0.1 percent pyrethrins and 1.0 percent piperonyl butoxide.

The day before and after each treatment, the number of horse flies and horn flies were counted on all animals between 1 p.m. and 3 p.m. Previous data showed that a greater percentage of flies fed on the cattle at that time of day.

Hemoglobin and hematocrit values (ratio of red blood cells to the volume of whole blood) were obtained every 2 weeks to determine whether blood reproduction capabilities had any reaction to insect feeding.

The animals were weighed every 4 weeks during the study. In an attempt to standardize weights through the evacuation of the intestinal and urinal tracts, the cattle were weighed after an 18-hour shrink period, during which the cattle were not allowed to feed or drink.

Results showed that control of horn flies was excellent. Control of horse flies ranged from good to excellent the day after the treatment, to fair the day before the next treatment a week later.

During one year's tests, on the day before the next treatment, results showed a 100-percent reduction in the number of horn flies on the treated cattle over the untreated group.

The following year, there was a 98-percent reduction over the untreated group.

The treated group showed a 53-percent reduction of horse flies over the untreated group the first year, and a 75-percent reduction the next. The 22-percentage-point range was attributed to field variability and weather conditions.

During the first year the treated steers gained an average of 0.20 pounds per day per animal over the untreated steers; the next year, the gain was 0.23 pounds per day per animal under pasture conditions.

The treated group, under feedlot conditions, had an average daily weight gain slightly higher, while requiring less feed per pound gained than the control group. During the first year the treated group required .45 pounds less feed per pound of gain than the control group, while during the following year, the treated group required .59 pounds less feed per pound gained.

Carcasses of the test cattle were evaluated for dressing percentage, conformation, marbling, USDA carcass grade, fat thickness, and yield grade. Dr. Roberts said the carcass value quality of the treated group tended to be slightly better than the untreated control group. The animals treated with the spray were also easier to handle and did not exhibit the wildness that characterized the untreated group.

Hastings Appointed To Inter-State

William B. Hastings, Centreville, Maryland, has been named Management Assistant for Inter-State Milk Producers' Cooperative, Southampton, Pennsylvania. Bill took over responsibilities of Golden W. Davis, who retired September 1, 1974.

Bill was born and raised in Southern Lancaster County, and graduated from Quarryville High School in 1937. He went on to Penn State University, where he graduated in 1942 with a degree in Dairy Husbandry.

He served with the U. S. Army during World War II. He is married to the former Ruth Louise Woodmansee, Detroit, Michigan, and is the son of the late James T. and Sarah I. Hastings, Kirkwood, Pa.

His employment with Inter-State Milk Producers' Cooperative began in November 1945, as a member of the Field Staff. Bill was the first Interstate fieldman to have an inspector's license at Centreville Milk Producers Cooperative plant.

Bill is a member of Centreville Methodist Church, and is active in civic affairs, including past Commander of Jeff David Post No. 18, American Legion, Centreville, Maryland; past department Vice Commander, State of Maryland, American Legion; charter member and past President of Centreville Lions Club; and past President of Delmarva Dairy Sanitarians, Inc.

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USDA Recommends Lawn Care

Lawn seed experts in the U. S. Department of Agriculture offer the following shopping tips for you when you read labels on packaged lawn grass seed. The Federal Seed Act says that mixtures of fine and coarse textured seeds must be shown on the label by percentage of each in the package. This makes a big difference to you as far as the quality of the grass you grow and the actual amount of seed you need to buy. You may pay more for fine-textured lawn seed, but you have many more seeds per pound to spread around your yard. For instance, a one-pound container chould contain about 2 million seeds of Kentucky bluegrass, as opposed to 225 thousand of such coarse kinds as tall fescue and ryegrass.

xxx

Here's a grass seed buying tip from the U. S. Department of Agriculture. What may appear as a bargain to you in lawn seed may produce a coarse and ugly lawn. In the long run, the price you pay for good seed of preferred kinds and varieties is a small price to pay for a beautiful lawn around your home. Remember, it only takes a few pounds of seed for an ordinary sized lawn; and while you may pay more for fine-textured seed, you are getting more seeds per pound than when you buy the cheaper but bigger seeds in a coarse-textured blend. No matter what the price on the package, read the grass seed label to know what you are buying. The Federal Seed Act prohibits false labeling and false advertising on seeds shipped interstate to your favorite store, so buy lawn seed with confidence by reading the label.

xxx

Raking leaves and re-seeding the lawn in the fall are go-togethers. There are lots of reasons why your lawn may not look as nice this fall as you would like it to look. Too little or too much rain, too much traffic across it during the summer, too many insects and weeds, and it could also be that you planted too many of the wrong seeds in the first place. If it looks like this year is your year to re-seed, the U. S. Department of Agriculture says to study the labels on packages of grass seed before you buy. But the package with the highest percentage of the grass seed you want on your lawn. The Federal Seed Act, and all fifty state seed laws, help ensure that the labels will truthfully show the percentages of seeds in the package. Next spring, your lawn will show that you cared about it enough to read the label before you bought the seed.

xxx

Your lawn can be the showcase that frames your house. It can be a park or a playground--a private recreation area for your whole family. An attractive lawn can do many things for you. No matter how you use your lawn, your investment of time, effort and money to get your lawn started will be mostly wasted effort if you start off with the wrong seed. With fall being the best time of the year to put on lawn seed, the U. S. Department of Agriculture reminds you to read the seed package label to make sure you get the kind of lawn you want—and not a bargain mistake. Federal and state seed laws help ensure that the label information will be truthful.

Alaska Pipeline

Construction costs for the recently begun Alaska pipeline project are expected to exceed two billion dollars. This represents the most expensive privately funded project in history.

Pa. Broiler Placements Up 14 pct.

Placements of broiler chicks in the Commonwealth during the week ending August 24, 1974 were 1,383,000. The placements were 14 percent above the corresponding week a year earlier, and 10 percent above the previous week. Average placements during the past 10 weeks were 3 percent above a year earlier.

Settings for broiler chicks were 1,962,000 - 2 percent below the previous week and the same as the comparable period a year earlier. The current 3-week total of eggs set is 3 percent above the same period a year ago.

Inshipments of broiler-type chicks during the past 10 weeks averaged 3,000 compared with none a year ago. Outshipments averaged 216,000 during the past 10 weeks, 28 percent below a year earlier.

Placements in the 21 States were 51,649,000 - 2 percent below the previous week and 11 percent below the same week a year earlier. Average placements during the past 10 weeks were 5 percent below a year ago.

Settings were 62,983,000 - 1 percent above the previous week, but 12 percent below a year earlier. The current 3-week total of eggs set is 12 percent below the comparable period a year ago.

Thought For Food

Pirate Bean Soup

Wash 2½ cups dried pea beans thoroughly, cover with cold water and soak overnight If necessary when ready to cook, add more water to make about 4 cups and simmer for one hour. Saute 1 sliced onion in 1 teaspoon bacon fat until golden. Add onion, 1 teaspoon salt and ⅛ teaspoon pepper to beans and continue simmering for another two hours Just before removing from fire, add ½ cup ketchup and 1 tablespoon aromatic bitters. Stir well and pour into bowls Serves 6.

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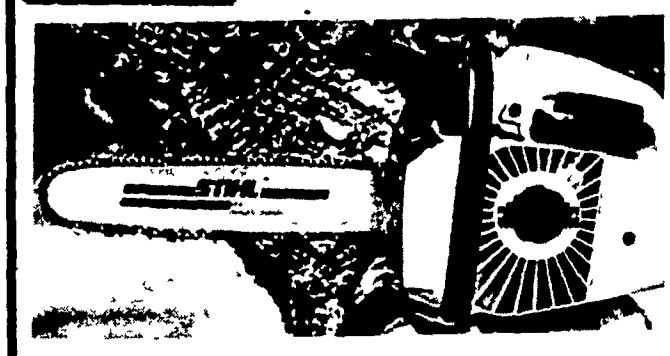

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Buck Tractor Pull Results, Aug. 30-31

Results of the tractor pull at the Buck Track for August 30 and 31 are listed below. All winners named are from Pennsylvania unless otherwise indicated.

7000-lb. Super Stock

1 - Donald Thomas, Boonsboro, Md., J.D. 4020, 293.6; 2 - Tom Savage, Damascus, Md., J.D. 4010, 269.2; 3 - Ken Forshey, Martinsburg, AC 190-10, 268.4; 4 - Marlin Brubaker, Quarryville, AC D-21, 266.8.

9000-lb. Super Stock

1 - Harry Griest, Coatesville, IH 1456, 300.0; 2 - Craig Laggett, Boonsboro, Md., JD 4020, 263.3; 3 - Ed Harman, Frederick, Md., IH 1466, 255.9; 4 - Alvin Martin, Akron, Pa. AC D-21, 252.11.

12,000-lb. Super Stock

1 - Harry Griest, Coatesville, IH 1456, 215.11; 2 - Leonard Thomas, Boonsboro, Jd., JD 4020, 203.3; 3 - Ed Harman, Frederick, Md., IH 1466, 186.9; 4 - Denny Price, Sharpsburg, Md., JD 4230, 181.0.

7000-lb. Modified

1 - David Becker, Mt. Joy, Farmall M, 279.8; 2 - Richard Zimmerman, Mt. Joy, Cockshutt, 270.1; 3 - Glenn Darnell, Laytonsville, Md., Farmall M, 255.6; 4 - Lester Landis, Lititz, 2-440 Massey, 248.5.

9000-lb. Modified

1 - Richard Zimmerman, Elizabethtown, Cockshutt, FP-221.7; 2 - David Becker, Mt. Joy, Farmall M, FP-217.8; 3 - Lester Landis, Lititz, 55 Massey, FP-209.6; 4 - Glenn Darnell, Laytonsville, Md., Farmall M, FP-200.10.

5000-lb. Open

1 - Keener Pulling Team, Manheim, F-20, 284.10; 2 - Glenn Darnell, Laytonsville, Md., Farmall M, 279.11; 3 - Curt Stoltz, Lebanon, Leyland, 220.8; 4 - Elvin Arment, Ephrata, 5506 Deutz, 216.6.

7000-lb. Open

1 - David Becker, Mt. Joy, Farmall M, FP-188.10; 2 - Richard Zimmerman, Cockshutt, FP-169.7; 3 - Glenn Darnell, Laytonsville, Md., Farmall M, 298.3; 4 - Craig Laggett, Boonsboro, Md., JD 4020, 288.10.

9000-lb. Open

1 - Harry Griest, Coatesville, IH 1456, 248.8; 2 - David Becker, Mt. Joy, Farmall M, 235.0; 3 - Lester Landis, Lititz, 2-440 Massey, 232.2; 4 - Glenn Darnell, Laytonsville, Md., Farmall M, 226.1.

GARDEN TRACTOR CLASSES

1200-lb. Super Stock

1 - J. Glwn Hess, Washington Boro, Economy, 153.6; 2 - Tom Bedgar, Freeland, Md., 126 Club Cadet, 151.11; 3 - Lamar Hollinger, Mountville, 122 IH, 148.9; 4 - Larry Burkholder, Columbia, 14 Economy, 136.6.

1400-lb. Super Stock

1 - Leonard Hollinger, Mountville, 122 IH, 120.2; 2 - J. Glen Hess, Washington Boro, Economy, 111.10; 3 - Larry Burkholder, Columbia, Economy, 109.8; 4 - Brad Darnell, Laytonsville, Md., JD 110, 106.0.

1500-lb. Modified

1 - John Stauffer, East Earl, Twin Corvair, 166.7; 2 - Clement Stauffer, 289 Ford, 156.2; 3 - Brian Burkholder, Lititz, 283 Chevy, 138.6; 4 - Jimmy Fox, Hagerstown, Md., 289 Ford.

1700-lb. Modified

1 - J. Glen Hess, Washington Boro, Economy, 300.0; 2 - John Stauffer, East Earl, Twin Corvairs, 190.8; 3 - Brian Burkholder, Lititz, 283 Chevy, 188.8; 4 - Jimmy Fox, Hagerstown, Md., 289 Ford, 161.0.

Calf Residue Monitoring Increases

The U. S. Department of Agriculture (USDA) today announced a stepped up monitoring program beginning Sept. 1 to detect drug residues in veal calves.

Officials of USDA's Animal and Plant Health Inspection Service (APHIS) said approximately 10 percent of veal calves tested at slaughter under the current monitoring program show levels of drug residues that violate tolerances or guidelines.

"Meat and poultry inspection regulations require that animal tissues with violative levels of residues be condemned," said Dr. John Spaulding, Chief of APHIS' Residue Evaluation and Planning Staff.

"This is expensive for producers, and ultimately for the consumer. While the stepped up monitoring program could initially mean more condemnations, we hope it will provide more information on the extent of the problem that will lead to a reduction in calf residue violations."

Dr. Spaulding said drug residue violations occur where withdrawal or dosage recommendations are not followed, or where unauthorized drugs are used.

Dosage and withdrawal recommendations are printed on the labels of specific drugs by manufacturers. The feeders of the animals generally are responsible for the use of drugs.

Under the stepped up detection program twice as many calf samples will be taken per month as at present.

Approximately 450 samples will be analyzed monthly, with at least one from each of the 258 establishments authorized under federal inspection regulations to slaughter calves.

Violators will be identified and their names and addresses turned over to the federal Food and Drug Administration for possible prosecution. This procedure is followed by APHIS in all residue violation cases.

The FDA has the legal authority to regulate animal drug manufacture, distribution and usage, from the maker to the user. FDA also sets tolerances or guidelines for drugs used in calves.

USDA's Extension Service and state agricultural officials will cooperate in the calf surveillance program by helping inform producers, through county agents, of problems in drug usage and application.

Dr. Spaulding said the residue problem in calves has been under investigation for about a year and that USDA has been cooperating both with the states and the veal industry to find a solution.

He added that USDA is confident veal producers can make veal calves free of residues and increased testing along with continued producer cooperation will help to achieve this goal.

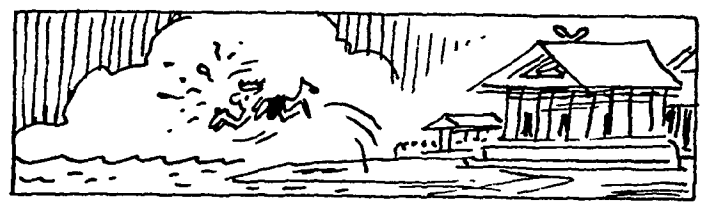
Study Center Helps Student

If your child has a definite place to do his homework, his school studies may go more smoothly this year. Mrs. Helen Puskar, Extension home furnishings specialist at The Pennsylvania State University, points out that a study center should meet the student's demands for study and organization.

The size, design, and location of a study center will vary in each house and with the needs of each family. But there are certain desirable features in any study center. The Extension specialist offers some suggestions.

A writing surface and a comfortable chair are the hub of the study center. The writing surface should provide enough space for your child to spread out books and papers. And the chair needs to be the right size to allow him to sit with his feet flat on the floor, knees under the desk, and the back of the chair supporting his back. Also, the proper height relationship of the writing surface and the chair will allow him to rest his arms on the writing surface without raising or lowering his shoulder or elbow line. Another must for efficiency is storage space. Make sure your child has bookshelves, and a drawer or other storage area for items such as pencils, paper clips and paper.

Adequate lighting is also essential to a study area, reminds Mrs. Puskar. When you place lamps, try to keep the light from shining directly into your child's eyes, or reflecting from shiny tables, walls or other glossy surfaces.



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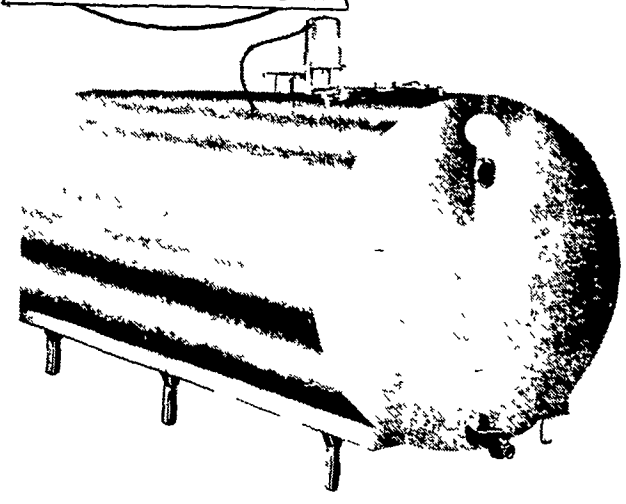

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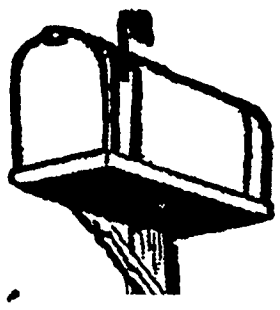

Mail Box Market

For Sale - 28 bushel Rye Seed $4.00 per bushel. 215-777-5045

Woman researching: "Women running farms" would appreciate a call 717-872-2029

For Sale - Ford 8N tractor with step up gear in real good shape. Also little ducks; 2 cows - 1 fresh, 1 due in Oct. 717-933-8388

For Sale - Silo Blower IHC Model 45 power-take-off on rubber or New Holland Model 680 belt pulley on steel, excellent condition, your choice at $250.00 J. Dale Nichol 215-255-4835

Wanted to Buy - At reasonable price. Weanling to two year old Draft Horse Colt (stud). Registered or not. Bob Kindon, Box 154 RD1, Turbotville, Pa. 1-717-437-2431

For Sale - 2 mobile Homes, 12x55 two bedroom 1½ bath, Price $3,900.00; 32x8 (furnished) Price $1800.00 very good condition. 717-345-4686

Wanted - Chicken house slats 9 sections 4'x12'. Emanuel B. King, RD1, Kirkwood, Pa. 17536

For Sale - John Deere 237 2 row mounted corn picker. Phone 215-495-6097

For Sale - 2 John Deere No. 122 Forage Boxes; 1 Kools Blower Phone 717-274-1436

Mail Box Market

For Sale - 6½'x28' railroad tank ⅜" steel. Ends cut out. Suitable for water tank or to make driveway over stream $700. Gideon A. Fisher, Myerstown RD2, Pa.

For Sale - Belt pulley to fit WD or WC; also pair of 13x28 tires on rims. 717-687-7845

Custom silo filling, corn or hay, 2 row wide, 3-row narrow. 717-442-8312

For Sale - 54 acre dairy farm between Terre Hill and Churchtown, 32 stanchions, 2 silos, tobacco shed. 14 room double house, spring fed gravity water system. Samuel Shirk, RD2, East Earl, Pa. 215-445-5430

For Sale - Suffolk sheep rams, 6 months, nice, black face, $30.00 Also four Suffolk ewes, 6 months, triplet and twin. 717-665-5770

Wanted - Used ¼ or 5-16 inch diamond floor plate. 717-548-2877

For Sale - '68 Valiant, standard shift, 215-267-5345

For Sale - Coon hound pups, American Leopard Cur natural barn tree dogs. You don't have to teach them to tree, $25.00 each. 717-464-3230

For Sale - One Lancaster Silo Distributor and gooseneck for 20 ft. silo $60. Phone 717-687-7260

Custom Silo Filling, 3-row narrow and 2-row wide. 717-898-7895

Mail Box Market

For Sale - Two goats; white Nanny and part Neubian Billy. Also white meat rabbits and a square gas tank with two pumps; good condition. Call 529-2879

For Sale - John Deere 38, Fox 900, Harvesters, wide flotation tires, recutter screens, spout extensions, reverse knife grinder, used very little, one row heads. 717-545-2950

For Sale - Seed Rye, cleaned, Balbo type. Richard Mogel, Bernville, Pa. RD1, 19506, 215-488-1762

For Sale - Approx. 50 A corn for high mositure. Lancaster Area. Call 717-394-6625

For Sale - 2 Registered and 3 Grade Holstein heifers all A.B.C. sired. Due to freshen in Sept. and Oct. John J. Forney, RD4, Lebanon, Pa. 717-867-1849

For Sale - Muscovy Duckling. Jacob P. Keiler, RD1, Box 198, Kirkwood, Pa. 17536 along Noble Road

For Sale - Gehl Mixall Feed Mill needs some repairs. Make an offer. Wanted - Used 9 x 32 tractor tire. Call Myerstown 717-866-5396

For Sale - Wheat See-Abe and Red Coat, grown from certified seed. Call 302-278-2804

FREE - Two large pear trees to be removed for fire wood. Call 717-442-4446

Mail Box Market

For Sale - 1967 Plymouth station wagon Fury III 3 seats, air conditioning, luggage rack, automatic, good rubber, good condition. 717-764-8494

For Sale - Case Terratrac No. 34 Diesel crawler loader in very good condition. Phone 717-867-2903 after 4 P.M.

FREE - 3 month old mixed beagle-springer spaniel pup. 2 year old mixed Pomeranian-Poodle male dog with shots. Nice house pet. Tel: 548-2462

For Sale - Coch Shutt 40 tractor running condition. Luke Grubb, RD1, Annville, Pa. Ph: 717-838-7235

For Sale - New Holland Super 24 long table forage blower, PTO driven, very good condition. 215-932-8999

Custom Silo Filling, wide and narrow row. Phone 717-284-2202 or 284-4806

For Sale - 500 gallon Mojonnier milk tank in good condition. Also Sputnik milk transporter. 717-354-9467

For Sale - 9 Holstein Heifers, 1 fresh, balance due thru Oct. 301-287-8750

For Sale - John Deere Grain Drill 8 ft. wide in good shape. John D. Lapp, Box 122, RD1, Ronks, Pa.

Mail Box Market

For Sale - Registered Service age Holstein Bull, Dam twice over 800 fat. Granddam 4 times over 20,000 to 25,000. Phone 717-927-6240

For Sale - Tobacco lath, approx. 100 bundles, good quality used, $8.50 per bundle. 717-653-2095

For Sale - 20 acres of standing corn for silage located near Lititz. 717-626-7983 after 6 P.M.

For Sale - 16" Papec ensilage cutter. Daniel K. Esh, RD3, Quarryville, Pa. May Post Office Road

For Sale - One weanling work horse colt, chestnut sorrel with white mane and tail. Stephen R. Glick, RD1, Leola, Pa. at Millport.

For Sale - Glass pipeline 4 unit Surge Milking Parlor. Daniel K. King 2065 Horseshoe Road, Lancaster, Penna. 17601

For Sale - Rosen Rye Seed. 717-464-3800

For Sale - 150 pound hanging feeders with downpipes. Call Howard Ginder, 717-367-1121 ext. 252 or 275

For Sale - One horse training cart brand new with roller bearing wheels. Titus H. Nolt, East Earl RD1, Pa. Box 215, 17519 between Route 23 and Terre Hill, turn at Red School.

FREE

Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 25 words; All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper; No business advertisements accepted.

Mail Box Market

For Sale - 48 Piece silverware table set. Samuel E. Merkey, RD2, Manheim, Pa. 17545 Box 223, Phone 717-653-4743

Hugh poplar tree, excellent hardwood, can be dropped in vacant lot. Call 367-2282

For Sale - 1968 Chrysler Newport Custom, air conditioning, in good condition, owner deceased. Phone 717-569-0756

For Sale - Suffolk Yearling Ram, Purebred, $55.00. West Grove, Pa. 215-869-2808

For Sale - One pair 3 year old sorrel mules broke but a little snap; one horse 8 years old, good worker; Rye seed. Ammon S. Fisher, Quarryville, RD3, Box 309, 17566

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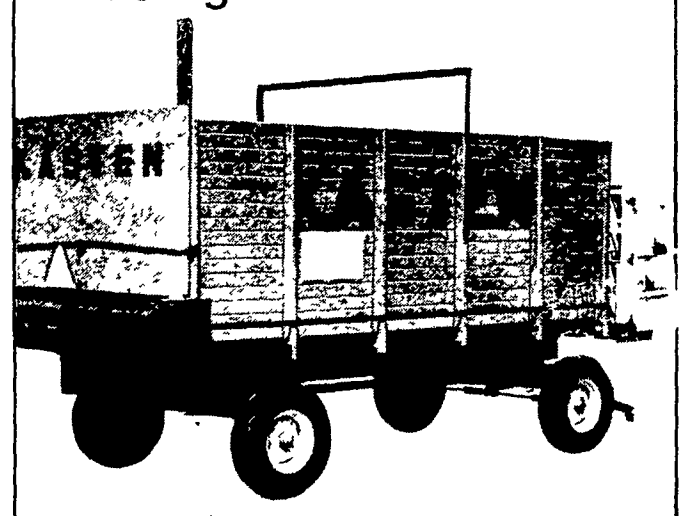

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Mail Box Market

For Sale - 1968 Chev. Pickup truck, new paint job, inspected and body in excellent condition, Asking $995. 215-445-5807

For Sale - 5 H.P. Single Phase Heavy Duty electric motor; 425 gal. bulk milk tank with compressor. John D. Stoltzfus, Brick Church Road, Leola, Pa.

For Sale - Esco bulk milk tank calabrates at 440 gallons, Walker stamp in good condition. McCormick Deering PTO Corn Binder, like new. Daniel J. Stoltzfus, Honey Brook RD2, Box 38A, 19344 along Churchtown Caimbridge Road.

Wanted to Buy - 50 ft. of 9" blower pipe and gooseneck used; 400 Leghorn pullets around Oct. 1st. Ira Nolt, 717-354-7687 call evenings.

For Sale - 1950 Studebaker pickup, runs good, 2 new tires, current inspection, asking $100. Phone 717-733-3178

For Sale - 1 used Zimmerman's silage distributor, $25. Samuel S. King RD1, Ronks on Paradise Lane

Mail Box Market

For Sale - Springing Heifers, 1 by Performer, 1 by Electron. David F. Miller, 555 Hanover Road, York, Pa. 717-792-3212

For Sale - Purebred Collie Pups. Robert Kreider, 717-284-4776

For Sale - Case 1 row forage chopper PTO. C. Martin Greenleaf, Oxford RD1, Phone 529-2704

Help Wanted - Housekeeper for elderly man in country. Live in. Call around 5 P.M. weekdays. Phone 215-948-3956

For Sale - Allis Chalmers blower, hopper and table feed; 60 feet 10 inch pipe; Case 402 corn head for Case 600 combine; Silo unloader for 18 foot silo and all wiring to hookup. William Bitting, RD1, Harrisburg, Pa. 17109 Phone 717-545-0808

For Sale - One used Sputnik complete with compressor in excellent condition, $500. Moses B. Glick, RD1, Willow Street, Pa.

For Sale - Truck load of wheat. Phone 215-933-7379

Mail Box Market

For Sale - Fox 2 row corn snapper head excellent condition. Call before 9 A.M. or after 4 P.M. 717-933-8278

For Sale - Allis Chalmers WC tractor on steel with belt pulley, runs good. Jonas L. Beiler, 46 Hartman Bridge Rd., Lancaster, Pa. 17602

For Sale - R.C. 800 Gehl recutter used 1 year. Also 2 row snapper head for 600 Gehl harvester. Phone 717-653-5980

For Sale - New Holland 800 Forage Harvester very good condition ready to go $295. Phone 215-593-5876

For Sale - Bull calf born 8-17-74 Sired by Penstate Ivanhoe Star Dam Kleer View Citation R. Fury, will register. Hoopes T. Yarnall, Box 176, RD1, Oxford, Pa. 19363

For Sale - Two Holstein Heifers ready to freshen. Conoly Bros. RD2, Box 295, Oxford, Pa. 19363 215-932-8259

For Sale - Rye seed for cover crop. Call Allen S. Nolt, Stevens RD1 215-267-6725

Mail Box Market

For Sale - Purebred AD6A Registered Toggenburg Dairy Goat Buck. Born Feb. 74. His dam has 5 qt. a day production and show wins. Reed Toggenburgs, Millington, N.J. 07946 201-647-0025

For Sale - Seven Holstein Bulls weighing about six hundered pounds. Daniel H. Martin, Stevens RD2, Pa. 17578 at Red Run

For Sale - Two Holstein Heifers approx. weight 350 lb. for $110. and 425 lbs. for $125. Phone 717-354-7861

For Sale - Registered Shropshire sheep. Rams, lambs and ewes. Large flock from which to choose. Warn Menhennett, Cochranville. Phone 215-593-5726

For Sale - Arthur 71 Seed Wheat from certified crop. Cleaned and Treated. 717-354-0476

Blue Boy Seed Wheat, cleaned and treated. Daniel S. Kauffman, RD1 Strasburg, Pa. Hill Top Road.

For Sale - Crossbred gilts to farrow in Oct. 717-626-0189

Mail Box Market

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD2, Strasburg, Pa. 717-786-2562

Carpenter work. Will build house, pole barns, cow barns, chicken houses. Will do all kinds of concrete work. Write Smauel S. Lapp, Christiana, Pa. Box 388, 17509. Call driver 717-529-2992, 215-384-2415

For Sale - McCormick 1 row corn picker; McCormick corn binder and loader; New Idea rake and tedder. Reuben F. Esh, Gordonville RD1, at Newport Repair Shop

For Sale - Used Sputnick with pump, 3 years. Phone 717-548-2691

For Sale - New Idea 2 row used corn picker; also home grown watermelons. Weaver Fox, RD1, Leola at Brownstown.

For Sale - 22 acres of standing corn for silage, 3 miles North of Mount Joy. Phone 717-653-5902

For Sale - Milk Porter Sputnik with pump in good condition. 717-768-3803

Mail Box Market

For Sale - New Idea Model 305 mounted 2-row corn picker with grease bank. Tobacco lath for sale. 717-367-7707

For Sale - 30 bu. wheat Red Coat, treated $4.50 bu.; WC Allis F-20 Farmall; 1 row Ford Blue corn picker; 2-row Fox Harvester G. E.; VH4D Wisconsin with starter. Phone 717-733-8708

For Sale - 28 Cow Holstein Dairy Herd, Lancaster Co Call 717-656-6784 after 7 P.M.

For Rent - Small house on farm furnished, heat, water, large lawn, garage, adults only $125.00. Plus Security. 267-2036

For Sale - Red Coat wheat cleaned and treated, certified last year. Edwin High, N. Farmersville Rd, RD2, Ephrata 717-859-2182

For Sale - Abe Seed Wheat, cleaned and treated, $6.50 per bu. Paul Miller, Pequea RD1, Phone 717-284-2417

For Sale - Good saddle-bred buggy or carriage horse broke and acclimated. John B. Stoltzfus, S. Groffdale Rd., Leola, Pa.

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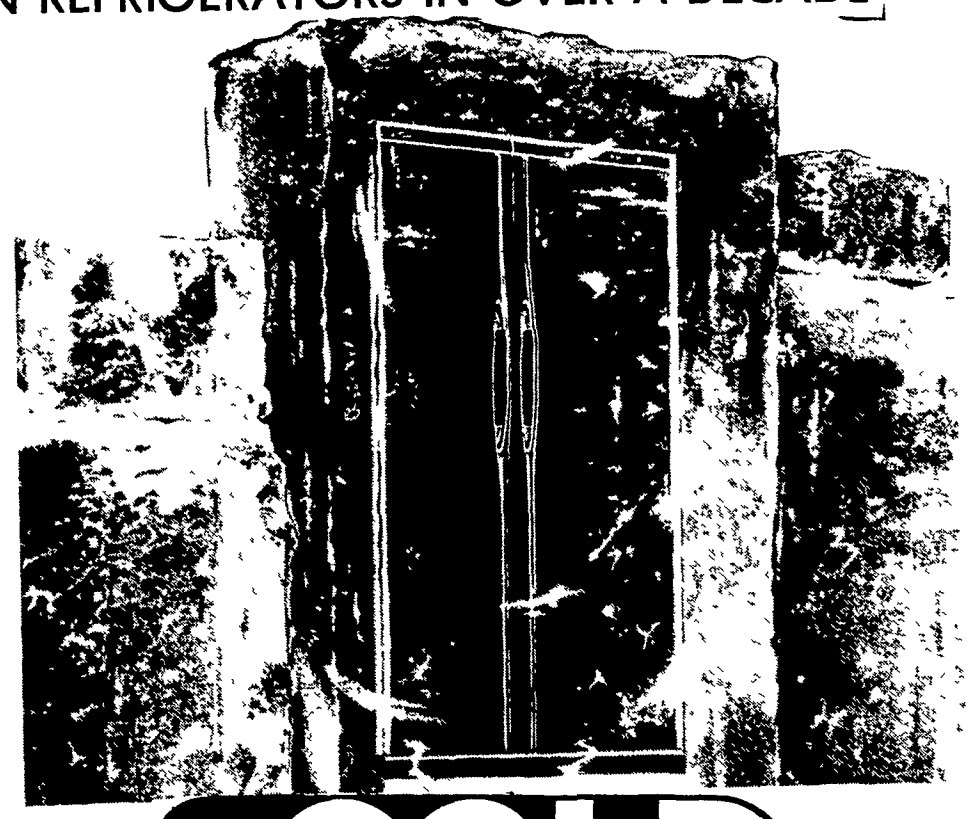

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Will pay $100 for any unusual blue, decorated antique jug, interested in other jugs also. Call Lancaster 397-9207 after 5 P.M.

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Purebred Boars and Gilts. Dairy gains and days to 220 lbs. are available. Confinement raised. Herd sires are production tested. Dutch Valley Farm. RD5, Manheim, Pa. 17545, Mark Nestleroth 717-665-6220

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Landrace and Duroc Boars and Gilts 100 lbs. and up. Bred Gilts, Purebred or Crossbred on order. Harold Mummert, 6 miles Southwest of York. 717-741-2170

Breeding age Chinchillas for sale. Standard $25.00 Beige $50.00 Phone 717-284-2127

For Sale - Purebred Duroc Boars and open gilts, 6 months old. Harvey M. Shirk, Narvon RD1, Pa. south of Churchtown on Windsor Road.

For Sale - woolen material for braiding and hooking rugs. Also out grown boy's clothing size 14 & 16. 717-626-8180

For Sale - Square tobacco scaffolding and tobacco lath. 717-684-4444

For Sale - Cleaned Rye $4.30 per bu. Less volume discounts. 717-733-8246

For Sale New Holland Model 22 table Forage blower, belt drive with 30' of 8" pipe $75.00 Jerry McCleary, Stewartstown, Pa. 717-933-2737

Mail Box Market

150 acres of good standing corn for picking or silage north of Lititz, $300. per acre. Also wooden fence posts with plastic knobs. 717-626-5555

For Sale - New Holland 717 Harvester, 9 Knife, good condition. 717-548-2760

For Sale - 1 Holstein Heifer freshened Aug. 31. 717-872-7104

For Sale - Purebred Duroc and Polland Boars, both from production tested herd sires. William Sweigard, Halifax, Pa. 717-896-3365

Classey, friendly 4 year old small horse, bay, gelding, breen. Great potential. Will jump 4 feet. Phone 215-593-6143

For Sale - 1000 bu. Winter Rye Seed. Fred Frey, 717-786-2146

For Sale - 2 automatic poultry feeders with 300 feet of trough. Complete with electric motor and time clock; Also automatic water troughs. Phone 717-442-8317

For Sale - Fan (airplane propeller) fits 3 point hitch for airing tobacco shed $100. 717-626-5594

For Sale - No. 357 New Holland Grinder Mixer, like new, used only 10 times. 717-867-1255

For Sale - 1 McCormick hay machine with indrower. Also 1 manure loader for WD 45 or WD tractor. Both in good condition. Call 215-484-4195

Important Notice - Fox Terrier male dog lost in Christiana area. Return to Christian B. Stoltzfus, Christiana RD1

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For Sale - Hideaway home, beautiful dutch colonial home with 3 acres, partially wooded, overlooking Lebanon County, 3 bedrooms, 1½ baths, living room with fireplace and cathedral ceiling, modern kitchen-dining, rec room, $48,000 Realtor Associate Nelson Ebersol 717-867-4190. Derry Realty, 717-273-9351

For Rent - 108 acre dairy farm, mostly Duffield soil, includes 60 free stalls, 2 large silos, pipeline with 20 cow stalls, would prefer to sell cows and equipment with rented farm. Also, neighboring farm of 100 acres available for rent. Presently both farms operated as one unit. Eugene & Roger Heller, Robesonia, RD1, Berks County, Pa. 19551. Phone (215) 693-3207.

Real Estate

Wanted: Tracts of land zoned for mobile home parks. 30-200 acres with good access to population centers. Public sewers and water prefered but not required.
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For Sale - 92 acres of high yielding dairy or beef farm with additional land available that can be rented. This farm consists of 2 houses, barn, new loafing barn, garage, milk house, 2 large silos with unloaders, tobacco shed and other buildings. Call Bob Smith, 717-866-5959 or 866-4864 Realtor Associate of DERRY REALTY CO.

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84 acre dairy farm with 32 comfort stalls, two silos 16 x 50, tobacco shed for 7 acres.

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Real Estate

54 acre dairy farm between Terre Hill and Churchtown, 32 stanchions, 2 silos, tobacco shed, 14 room double house, spring-fed gravity water system. Samuel Shirk, RD2, East Earl, Pa. Phone 215-445-5430

For Rent - 160 acre limestone dairy farm, new barn for 70 cows. House newly remodeled. Landis E. Tice, RD2, Myerstown, Pa. Phone 717-949-3191, 1 mi. N.W. of Schaefferstown on Rt. 897

Farm For Rent - Dairy farmer wanted, young couple anxious for opportunity, will fix barn and house within limitations. 80 to 120 acres available for crops; 10 to 16 acres of pasture. Newmanstown Area. Call 717-859-1008

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Miscellaneous

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Saturday, September 14, 1974 at 11:00 a.m. at Dry Run, Pennsylvania, 241 acre farm with timber and two never-failing springs, water piped to buildings. Located on the beautiful Tuscarora Mountain. Must be seen to be appreciated For inspection call: 717-349-2883 or 717-349-2405

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The Organic Soil Conditioner, AGRISERUM is proving better and better from year to year. Good crops without manure and fertilizer. (Forget costly steers). First year results also are sometimes outstanding. Higher protein SAVES protein cost in ration. More bug and blight resistance SAVES spray. No spray SAVES vet bills. Looser soil SAVES horsepower and fuel.

Earlier maturity SAVES drying. Greatest increase in yield has been with Rye. Pays good with cover crops for soil improvement. Used with Lactobase, a vitamin, mineral and amino-acid compound, gives still more boost, with very low cost for both products.

Produces HEALTH in soil and plants.

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Cleaner burning SAVES spark plugs, mufflers, fuel and motors.

Cleaner motors SAVES repairs.

Less friction SAVES fuel and repairs.

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I need Purebred and extra cute mixed breeds in little lots, 7 to 10 week old. Must be clean and healthy. Contact "Jo Jo the Dogman" at Root's Farmers Market, RD1 Manheim, Pa. Every Tuesday 5 P.M. to 8:30 P.M. No Phone Calls.

Help Wanted

Help Wanted - Mennonite Boy for work on Dairy farm beginning April 1, 1975. Marvin Newswanger, RD1, Lititz, Pa. 717-626-0811

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Wanted - Experienced help on large dairy farm in New Jersey. Approximately ¾ hr. East of Allentown. Excellent pay plus house and other benefits. If interested write Box 266-B c-o Lancaster Farming Newspaper. Enclosing references.

DAIRY WORKERS
Dairy Workers with at least 1 year experience needed for full-time year round work. Salary - $6866 with yearly increases, advancement opportunity, liberal fringe benefits. Housing consideration for single persons may be possible. Contact Personnel Office, Norristown State Hospital (215-631-2511).
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Pa. State Jersey Cows Sale
Wednesday, Sept. 11
at 1:00 P.M. at the Guernsey Barn, Rt. 30 East of Lancaster, Pa.
For Information Call
717-548-2691

For Sale - 28 cow Holstein Dairy Herd, Lancaster County. Call 717-656-6784 after 7 P.M.

For Sale - 1 Purebred Dividend Performer bred 30 days $380; 2 Grades bred 4 months $275; 2 Grades open Ivanhoe Jack $275; 1 Grade open Harrisburg Gay Ideal $265; 1 Purebred yearling Courier open $225. Call evenings 6-7, 717-442-4601

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QUALITY and QUANTITY
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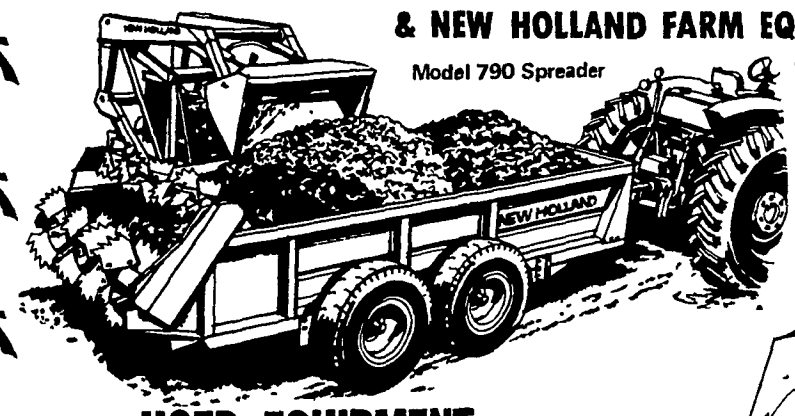

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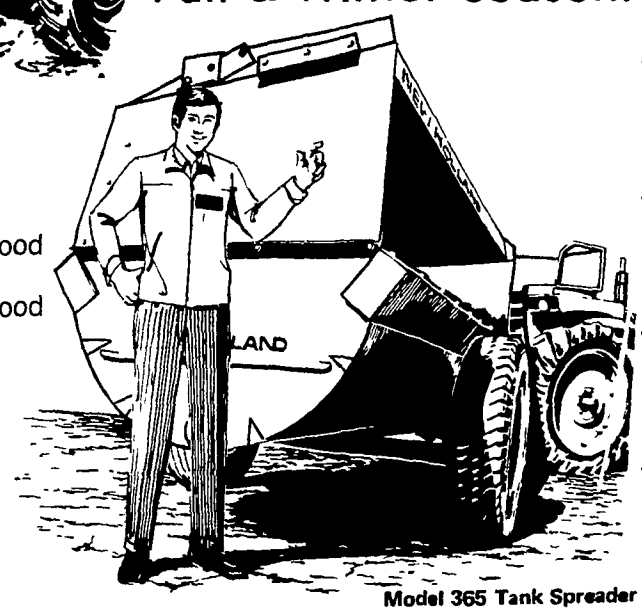
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N.H. 516 Spreader w-Hydraulic Fluid Endgate (Good Cond.)
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SEPTEMBER 20, 1974

7 p.m. Sharp in Evening
COMPLETE DISPOSAL OF BEEF HERD OF JOE BRATTON, McCLURE, PA.

65 head consisting of cows with calf, yearling calves, bred heifers and herd bulls Heifers and Black-White face.
Started herd on his farm. Reason for selling - works away.

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Middleburg, Pa
Restaurant Open

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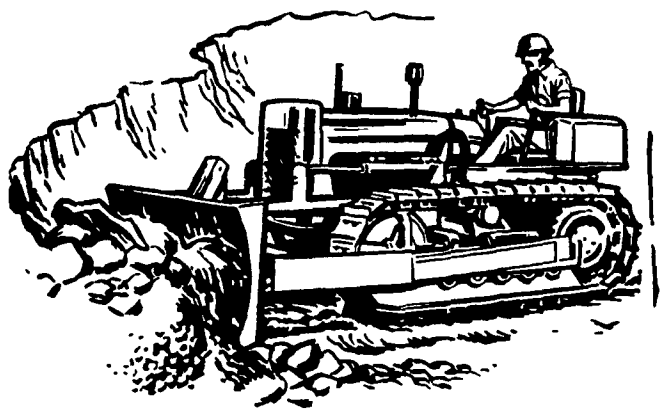

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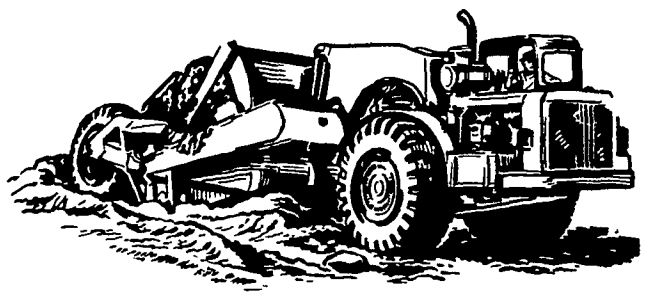
Cat D4D	$9500
(3) John Deere 350 diesel	$6,000-$8,000
John Deere 1010 diesel	$1750
Allis-Chalmers HD3 diesel, Hydraulic Angle	$3,500
Allis-Chalmers H3 gas, Hydraulic Angle	$3,500
International T9 gas	$2,500
(2) International TD9 diesel	$3,250-$3,500
Cat D8, 14A Series, Cable	$13,500
Cat D4 diesel, 7U Series	$4,500
(2) Cat D4C diesel, 7U Series	$6,500-$7500
International TD14 diesel	$5,000
Oliver HG (no blade)	$800
Cat D8H 4 SOLD ies	$26,500
Case 310, no blade with winch	$1,875
John Deere MC with Winch	$1450
Int. T340 no blade with winch	$1875
John Deere 440 Diesel with winch	$2650
Case 1000 4 way hyd. with Ripper	$4900
Cat D6C	$27,500
Cat D6B	$16,500
Cat D6-9U	$6,500
Cat D2	$2,900

FORKLIFTS

(2) Clark	$1,450-$5,000
J.D. 2010 Forklift	$5,900
Int. 460	$3,850



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(4) J D 440	Choice $7500
J.D 540 Burned	$4500
Int S7C	$6000
Athey S70 Skidder	$7500
Franklin 160	$8500
(2) Franklin 170 Skidder	$11,500-$12,500
Ford 811 Skidder	$3500

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Allis-Chalmers HD4 with backhoe	$7,500
Cat 933 diesel, 11A Series	$4,900
Cat 955 12A	$5,900
(4) Cat 955 H	$9,000-$14,500
Case 450 gas	$6,800
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(3) John Deere 450 Diesel	Choice $8,500
Case 310	$5,000
J.D. 350 B	$8,500
Case 800	$4,900
International TD9	$2,150
(2) John Deere 2010	$5,000-$5,500
(4) John Deere 440	$1,900-$3,750
Cat 951B	$16,500
(4) John Deere 350, diesel	$4,900-$7,000
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Cat 977 20A Series	$8500
Case 320	$1450
Oliver OC46	$2250

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(2) Melroe bobcat 500
Int. 3200 Skid Loader
Case 1537 uniloader
Case 1740 uniloader (diesel)
(2) J.D. 24 uniloader
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Large "V" Plow
(6) 2-8 Ton Rollers
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All Sizes & Treads $45.00 each
Lots More Not Listed
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(2) Mack B-42 Tractors
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1968 Int. Roll Back
1964 Ford 10 Wheel Dump
1966 GMC Tri Axle Dump
1966 Chevrolet Single Axle Truck Tractor
1969 International Single Axle Truck Tractor
1965 Ford Tilt Bed
1972 GMC Roll Back

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Linkbelt LS3000 excellent crawler backhoe	$32,500
Hy Hoe 680B on tracks	$12,500
(2) Case 580 CK diesel	5,800-$6,000
(2) Ford 4500 diesel	$5,500-$5,900
Ford 5550 diesel	$9,800
Long I 400 diesel	$5,900
(2) International 3414	$4,500-$5,000
Allis-Chalmers D15 gas	$3,500
(2) John Deere 2010	Choice $4,600
(2) Hopto Diesel	$3,250
MF 300 Diesel	$5,900
Crab 4WD	$2,900
Ford 600	$2,900
Case 320	$2,600
Case 580B	$9,750
Ford 3400	$4,750
J.D. 400	$6,500
J.D. 300	$5,500

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Allis-Chalmers TL16	$4,000
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Michigan 55, Series 3, with Cab	$9,500
Ho SOLD	$1,750
J.D. 544 w-cab	$15,500
Michigan	$5,500

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Single Axle Lowboy
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Used 3 Axle Tag-A-Long
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New 2-row corn pickers
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1 Fox chopper, can be used with belt or PTO, good condition; 1-16x15 Agway wire corn crib. Eli S. Smucker, RD1, Gordonville, Pa.

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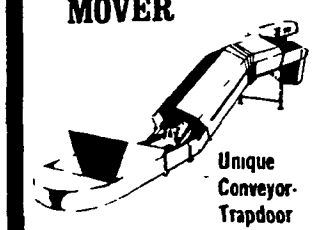
MODEL 155-A MATERIAL MOVER



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Ford 9N tractor, good mechanical cond. $1100
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Used Fox Model BHB Hopper Blower, good condition $595.
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Fox self-propelled Forage Harvester w-2 row corn head and 2 row Snapper
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40 bushels round hog feeder, 7 only $127.00;
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M.H. 15 Disc Drill
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5 ft. Brillion Pull Type Rotary Mower
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IH 28 Blade pull type disc carrier Harrow
IH 10 ft. spring tooth harrow
(3) J.D. 12 ft. spring tooth harrows
J.D. 16' spring tooth harrow
J.D. 38 Forage Harvester and 1-row head
(3) 1-row crop heads for J.D. Harvesters
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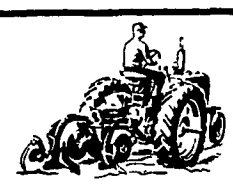

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(1) 12 ft. 6" Brillion Cultimulchers
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Little Giant Elevator 34 ft.
Stone Rakes, 6 ft. and 8 ft.
(6) New Rotary Mowers 3 pt. and Pull Type

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(2) Fords 8N and 9N
(2) Heavy Duty Front End Loaders for Oliver 1750, 1850 and 1855.
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24 ft. Smoker Elevator
(2) International Mowers, one fast hitch
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10 used Wheel Horse tractors with mowers
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1000 Bales of Baler Twine at $28.50 per Bale

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For Sale - John Deere 1240 6-row plateless corn planter, 30" row, used 3 seasons, complete with monitor and bulk fertilizer attachment. 717-653-1674

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500 lb. platform scales
'70 Chev. ½ ton panel
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'50 Ford ¾ ton stake
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2000 lb. budget hoist
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1974 Field Queen Side Dump Harvester, Available for September Delivery.
Fox 7 ft. direct cut head
New Fox 4WD attachment, $2300.
$2,000. worth new Fox Parts
1973 Fox 3000, PTO, 1000 RPM, Chopper, rebevel grinder, 3RN, Grass Pickup, new Fall of '73.
1969 Oliver S.P. 840 (Fox Type) Det. 4-71, 2 R.W. Fox Corn Hd., Grass Pickup, good condition.
Fox 10 ft. direct-cut, good cond., Priced to Sell.
N.I. Uni-702 V6 w-chopper, GPU, 2 RW Snapper for high moisture corn, 1260 hrs. excell., all crop plus high moisture ground ear corn. Set up at a reasonable price.
IH 50 P.T. w-2 RW $700.
IH 555 2RN & W.P.U. good cond.
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IH 55 Chopper 2-row & Windrow pickup, good cond.
J.D. No. 38 w-reverse grii **SOLD** model, Ex. Hd. 2 RN corn hd.
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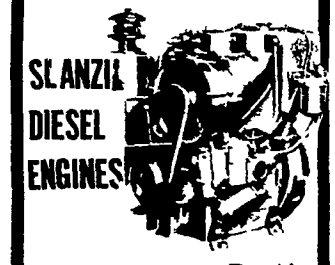

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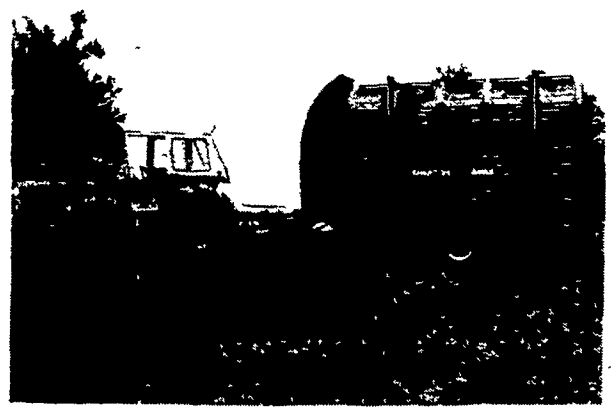

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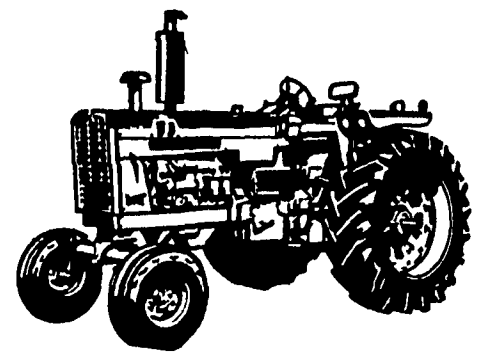

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- Ford 5000 D
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- (2) Ford 4000

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- Oliver 70
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- (3) Oliver 1855
- Oliver 1750 w/cab
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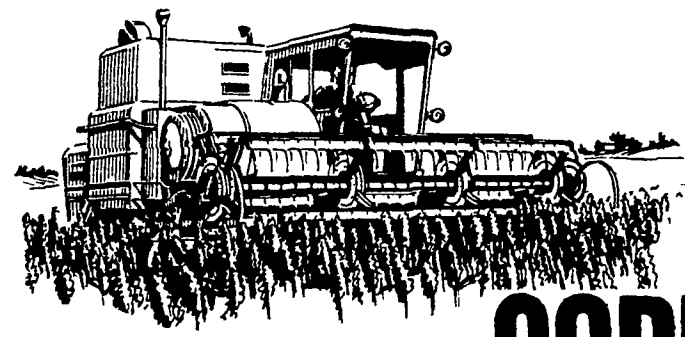
COMBINES



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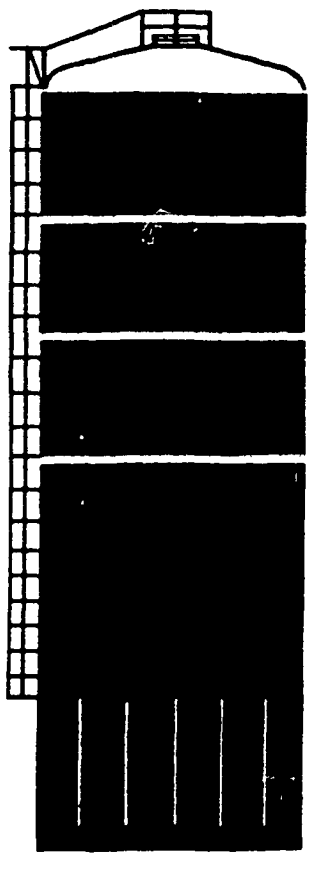

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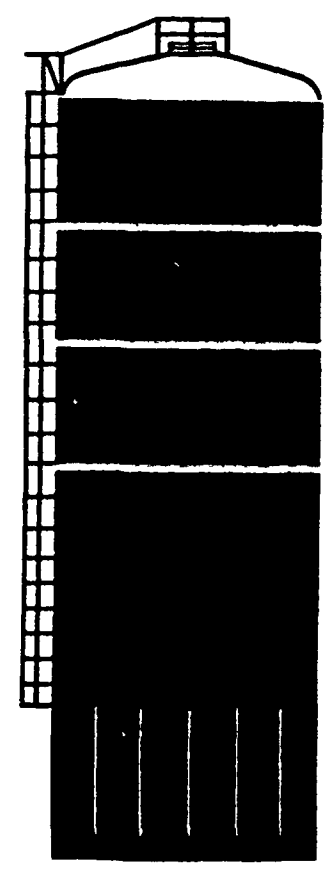

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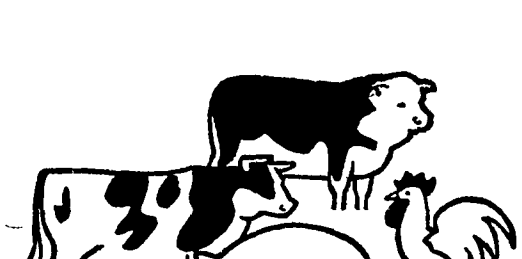

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Mrs. Luther Moore

Getting Ready for Ephrata Community Fair

by
Mrs.
Charles
McSparran
Farm Feature
Writer

Tuesday, September 24th will mark the opening of the 56th annual Ephrata Fair, the oldest of Lancaster County's fairs It will run through Saturday, September 28, climaxing with the annual Miss Lancaster County pageant at Ephrata High School.

One of the big events on the program of Pennsylvania's oldest and largest street fair will be the parade on Wednesday that will move over a three mile route starting at 7 P M., rain date Thursday 7 P.M. The parade which attracts about 65,000 viewers will have 30 to 35 musical units, floats, Miss Lancaster County, Mrs. Lancaster County Fire Chief and other participants.

A carnival spirit will prevail throughout the five-day event along the midway stretching for several blocks with rides, eating stands and free entertainment at the bandstands several evenings. On Thursday afternoon thousands of children turn out for "Kiddies Day" when a reduced rate is offered them on the rides.

Thursday night a representative from the various Lancaster County fire company auxiliaries will vie for the crown of Mrs. Lancaster County Fire Chief.

The annual baby parade, one of the fair's major attractions, will be held Saturday at 2 P.M. A large crowd is expected to line the parade route to see the elaborate floats and tiny tots in fancy costumes.

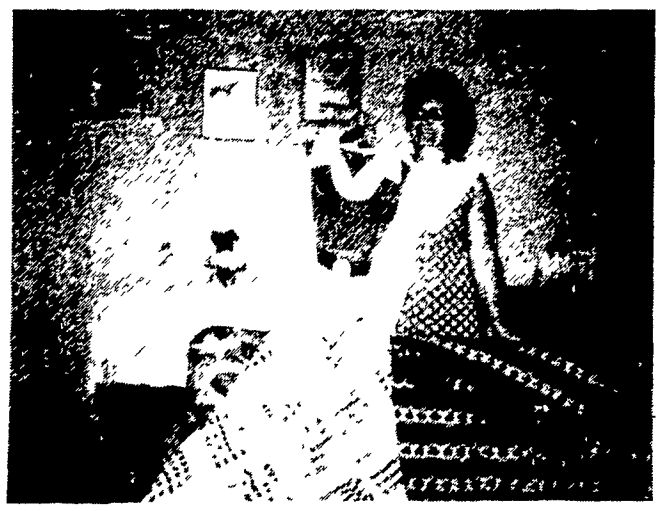
Saturday at 8 P.M. the program will shift to the Ephrata High School auditorium for the great finale of the fair when the new Miss Lancaster County will be selected. This annual event, produced by the Ephrata area Jaycees, has attracted a sell-out crowd from all sections of Lancaster County for many years. This is one of the finest preliminaries to the Miss Pennsylvania pageant held in the state and carries with it many wonderful prizes and scholarship awards. For 23 years The Ephrata Farmers Day Association has sponsored this event.

This may sound like just a five-day entertainment-filled event but to the contrary visitors to the fair will find many interesting displays of products from farms, orchards and gardens - flowers, fruit, home baked and canned goods, crafts, art, needlework and models shown in store windows and the exhibit tent.

One of the points of major interest is "Tent City" in Ephrata Community Park where outstanding displays of poultry, cattle, baby beef, sheep, tobacco, grains and forage may be seen A carcass lamb auction and a swine sale will be held there during the fair It is also at the park that the pig chase, cow milking, tractor driving and garden tractor pulling contests will be held

A center of much interest to ladies and girls is located in a tent on Lake Street, on the Borough Lot. There you will find fresh fruit and vegetables, flowers, eggs, honey, baked goods, 4-H sewing, Junior foods (prepared by girls and boys 9 to 20 years of age), canned goods and a few commercial exhibits.

Mrs. Luther R. (Miriam) Moore will exhibit some of these canned goods and jams at the Ephrata Fair Sept. 24. She is holding some of her delicious nut brownies.



Mrs Moore made the dress she is wearing, the long acrylic dress and the green crocheted afghan on the sofa.

The committee for Department 5 or baked goods, Junior foods, apiary products and eggs is Mrs. Luther R. (Miriam) Moore, Mrs. Sandra Saylor and Mrs. Janice Breneman. Mrs. Moore has served on the committee about five years and has acted as chairman three years. Mrs. Saylor and Mrs. Breneman were new on the committee last year.

Entries in this department will be accepted Tuesday, September 24 from 3 to 9 P.M. Judging will take place Wednesday about 8 or 9 A.M. As has been the custom in the past as soon as the baked goods are judged a sample of each entry is placed on a plate with earned ribbon attached and it is displayed all week. The rest is given to the Ephrata Community Hospital Auxiliary for a food sale. The sale will likely start about 10 A.M. The proceeds are donated directly to the hospital for equipment. This is a splendid idea because the baked goods would spoil till the end of the fair and anyone baking can feel they have helped a worthy cause. Buyers eagerly wait for a chance to buy the baked goods as soon as it is judged.

Classifications of baked goods for adults will be quick breads, yeast breads, rolls, iced butter cakes, egg cakes, pies, cookies and candy A special rosette will be awarded for an entry judged Best of Show in yeast breads.

Last year this committee had between 250 and 275 entries Of this number two or three dozen entries would have been Junior entries, about a half dozen entries of brown and white eggs and a half dozen honey entries The balance were entries in baked goods, candy and home products such as homemade soap, noodles, potato chips and salted nuts

The committee is responsible to set up their exhibits with ribbons attached after judging on Wednesday Then Mrs Moore gives out the ribbons and prize checks after 10 P M Saturday night

Mrs Moore expects to enter exhibits of her canned goods at the fair She will probably enter grape, peach, strawberry, blueberry and apricot jam and canned meat, peaches, grape juice, apple sauce and red beets. She may enter some garments she made also. She has exhibited canned goods, sewing and needlework for three or four years.

Mrs. Moore has been a member of Farm Women Society 3 for three years. This society has 42 members. They have served food at the fair for many years. This is their chief source of income. This is a terrific job but financially rewarding. They are famous for their clam patties. They start opening clams on the Saturday before the fair. Monday they cook chickens and make pepper cabbage. Mrs. Moore, besides working as a fair department chairman, helps the Farm Women Tuesday morning, Wednesday or Thursday night and Friday and Saturday. She is on the committee to remember ill society members with flowers this year.

Mrs. Moore has been a 4-H leader for the Lincoln Sewing Club for six years. She was in 4-H sewing herself for three years and was in the Home Ec class in high school. She also took a tailoring class, "Sewing With Knits". She does almost all her own sewing, a lot for her daughter, makes trousers for her son and is making a suit for her husband. She made herself a spring coat and winter coats for her daughter She says she really enjoys sewing.

Miriam is the daughter of Mr and Mrs. Roy Forry of Reamstown Although her parents did not live on a farm, as a girl she stayed on a farm with her grandparents, Mr and Mrs Harry Forry, all summer and on weekends all year She graduated from Ephrata High School on Highland Ave. After graduation she worked in the office of W W Moyer Co as ticket printer, then went on to book work. She has worked part time for Roy Zimmerman & Sons, Ephrata RD3, as a bookkeeper in the Accounts Receivable Dept. for about three years She works from 2 to 4 days a week Zimmermans sell fuel oil, coal, grains and fertilizer

Luther is a back hoe operator for Dutchman Construction Co, Akron His hobby is attending stock car races, working on motors and rebuilding motorcycles Luther attends stock car races every Friday night from March to the end of September at Reading Fair Grounds,

(Continued on Page 36)

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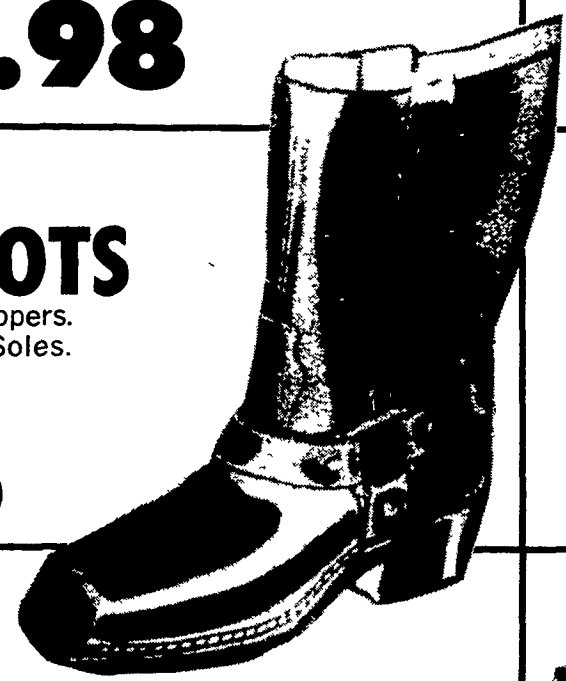

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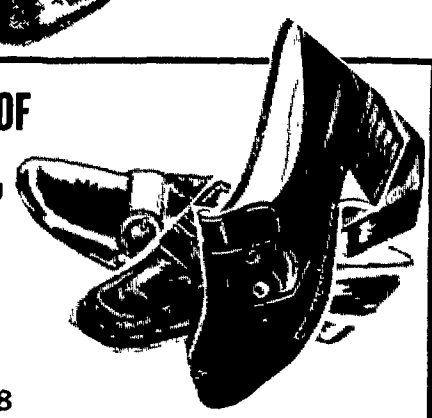

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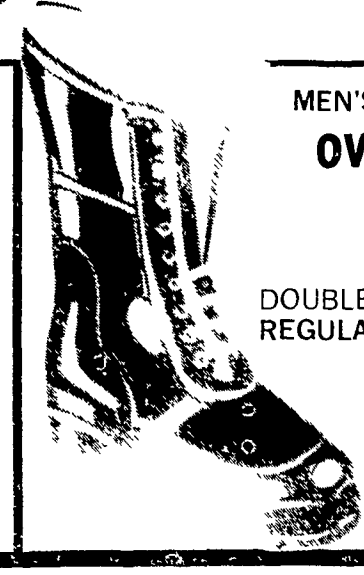

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Getting Ready for Ephrata Community Fair

(Continued from Page 34)

goes to new car races in Dover, Delaware, and tractor pulls at Kinzers and the Buck.

Moore live on Middle Creek Road, near Ephrata. They have a nice vegetable garden which the whole family works in. Mrs. Moore freezes as well as cans a lot of vegetables, fruits and meat.

They have two children. Debbie is 15 and in tenth grade at Ephrata Sr. High School. She plays clarinet in the marching band, took lessons since she was in fifth grade. She has been in the Lincoln 4-H Sewing Club for six years. She was treasurer last year and secretary this year for the club.

Tim, 10 years old, is in fourth grade and attends the Learning Disabilities Center in Lititz. It is sponsored by the Lancaster-Lebanon Intermediate Unit 13. He likes to play baseball on the team at school and loves to fish. He is in the Lincoln 4-H Community Club and has five rabbits for his project.

Moores are active members of Salem Lutheran Church in Lincoln. Mrs. Moore is an assistant Sunday School teacher, sings soprano in the choir, is a member of the council, is on the worship and music committee, is chairman of a committee that prints a church activities calendar every year. She was co-director of the Daily Vacation Bible School for ten days in June. She has taught Sunday School and Bible School about ten years and been in the choir five years. Luther ushers at church and helps set up tables for dinners. The children have been in Luther League but are reorganizing it into a group known as People Of Today which will hold its first meeting September 15.

Mrs. Moore sings in the Ephrata Community Chorus of about 40 members. They sang for about three community activities the past year.

She bowls on the Coffee Breaker League at Dutch Lanes, Akron, Tuesday afternoons from the beginning of September to the end of April.

What would a busy housewife and mother like Miriam do in her spare time? She says "I like to make afghans." She has crocheted three. She also has crocheted four shawls and several doilies. She is working on crewel embroidered pictures and crocheting a tablecloth now. However, this is mostly winter work.

She says "I love to read." She prefers light novels on the religious side and biographies. She says "I love to study the Bible and books concerned with it. She gets some books from the library but buys most of her books. She belongs to Word Inc. Book Club in Texas and to Christian Herald Family Book Club. Magazines she gets are Guideposts, Christian Herald, Decision, Readers Digest and The Lutheran.

Another hobby is collecting teapots. Moores enjoy traveling and have taken an auto trip to California and two to Canada.

Mrs. Moore gives us several desserts her family especially enjoy:

YULE CHIFFON CAKE

+2 cups sifted all-purpose western flour
1½ cups sugar
3 teaspoons baking powder
1 teaspoon salt
½ cup Wesson oil
7 unbeaten (medium) egg yolks
¾ cup cold water
2 teaspoons vanilla
½ teaspoon cream of tartar
1 cup egg whites (7 or 8)

+With cake flour use 2¼ cups flour and 5 egg yolks.

Sift first 4 ingredients together. Add Wesson oil, egg yolks, water and vanilla. Beat until smooth with spoon (medium speed on electric mixer 1 minute).

Add cream of tartar to egg whites in large mixing bowl. Beat with rotary beater until whites form stiff peaks (high speed on electric mixer 3 to 5 minutes). DO NOT UNDERBEAT.

Pour batter gradually over beaten egg whites, gently folding with rubber scraper just until blended. DO NOT STIR.

Pour into ungreased 10 x 4 inch tube pan. Bake 55 minutes at 325 degrees, then increase to 350 degrees for 10 to 15 minutes, until top springs back when lightly touched. Turn pan upside down, placing tube over neck of funnel or bottle; let hang until cold. Loosen with spatula. Ice cake with fluffy white icing. Decorate with small candies or candied fruits if desired.

BANANA CAKE

1½ cups sugar
½ cup shortening
2 eggs
½ cup sweet milk
1 teaspoon soda
1 teaspoon vanilla
2 cups flour
2 or 3 mashed bananas
¼ teaspoon salt

Mash bananas, add salt, and set aside till last. Mix batter and add bananas Walnuts may also be added if desired To mix batter combine sugar and shortening, mixing till creamy, add eggs. Blend till smooth and add milk and dry ingredients alternately.

Bake at 350 degrees for about 35 minutes or until done.

MIDNIGHT CAKE

1½ cups sugar
+½ cup shortening
2 eggs
½ cup cocoa
1 cup hot water
1½ cups flour
1 teaspoon baking soda
1 teaspoon baking powder
1 teaspoon vanilla
¼ teaspoon salt

Mix sugar and shortening till creamy. Add eggs, beating well. Mix cocoa with hot water and stir into batter. Add dry ingredients and vanilla. Bake at 350 degrees about 35 minutes or until top springs back when touched.

+Wesson oil may be substituted for shortening and the cake becomes very wet and chewy.

COCONUT CAKE

2 cups granulated sugar
½ cup shortening
3 egg yolks
1 cup milk
1 cup fresh coconut
2 cups cake flour
2 teaspoons baking powder
1 teaspoon vanilla
3 egg whites (beaten)

Cream shortening and sugar, add egg yolks and cream well. Mix baking powder and flour with sifter and add alternately with the milk to creamed mixture. Mix well. Add coconut. Add beaten egg whites last. Bake at 350 degrees for about 25 to 30 minutes.

RED VELVET CAKE or RED DEVILS CAKE

½ cup butter or margarine
1½ cups sugar
2 eggs (beaten)

Mix 2 large tablespoons cocoa with 2 ounces red food coloring and add to above mixture. Then add:

1 teaspoon salt
1 teaspoon vanilla
1 cup buttermilk

Add to mixture. Then add:

2¼ cups flour

Add last:

1½ teaspoons soda and 1 tablespoon vinegar

Bake at 350 degrees for about 35 minutes. Makes two 7 inch layers.

ICING FOR VELVET CAKE

Make paste of 5 tablespoons flour and 1 cup milk, mixing carefully to eliminate all lumps. Boil, over low heat stirring constantly, till thick. Cool, then beat 1 cup granulated sugar, 1 cup butter and 1 teaspoon vanilla. Mix with milk paste and stir until desired consistency and spread on cake. Makes a soft fluffy icing.

CHOCOLATE BROWNIES

Melt in double boiler:
2 squares semi-sweet chocolate
1-3 cup shortening

Add:

1 cup sugar
2 eggs
¾ cup flour
½ teaspoon baking powder
½ teaspoon salt
½ cup broken nuts

Pour into 8 inch pan and bake at 350 degrees for 30 to 35 minutes.

FRUIT COBBLER

¼ cup sugar
1 tablespoon butter
1 cup flour
2 teaspoons baking powder
½ cup milk

Mix and put in baking dish (11 x 9 x 1¼").

Mix 1 cup fresh fruit with ¼ cup sugar or use drained canned fruit. Place fruit on top of batter and cover with ½ cup water or fruit juice. Bake at 350 degrees for 40 to 45 minutes.

BLUEBERRY DESSERT

1 8 oz. pack cream cheese
2 envelopes Dream Whip or Lucky Whip
½ cup 10X sugar
1 teaspoon vanilla
1 cup milk

Beat all of the above together for the white mix.

1 packet plus 6 graham crackers
½ cup melted butter or margarine
1 cup sifted 10X sugar
+1 can blueberry pie filling

Crush crackers and mix with next two ingredients.

Using a 9 x 13 inch dish, put ½ crumbs in the dish, then ½ white mix then all pie filling on top. Add other half white mix on top, then remaining crumbs on top. Keep refrigerated.

+you can use other pie fillings such as cherry. Probably apple would not be so good.

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LADIES HAVE YOU HEARD?

By Doris Thomas, Extension Home Economist

Caring For Pewter

Antique goblets and modern etched bowls made of pewter all require different cleaning processes to retain their finishes.

Modern pewter comes in a range of finishes from "antique" to a bright sheen. Decorative pieces need only be dusted and washed occasionally to remove any slight darkening or fingerprints.

Wash new pewter in warm water with a mild detergent. Then use a soft cloth or brush to clean crevices. To avoid water spotting, rinse and dry the article at once.

Never use steel wool or other abrasives on modern pewter. But when old pewter acquires brownish scales, pewter dealers recommend cleanings the article in a solution of five ounces of lye and four gallons of water. Wear gloves when using this mixture and do not use the solution on Japanese pewter or pieces with wooden handles.

Place the pewter piece to be cleaned in a porcelain enamel container and cover with the mixture allowing at least two inches of solution over the top of the article. Soak the pewter 15 mintues. Then rinse the item well. Scrub with water and a piece of 0000 steel wool or a brush. Repeat the entire process if necessary. Rub longer for a higher sheen.

After rubbing with steel wool, wash the piece in clean water. Dry with a soft cloth or towel and let stand for 12 hours or more. Although pewter will not spot during washing, if you touch it during the long drying process, you will leave permanent fingermarks.

To keep pewter bright and protect it from oxidizing materials in polluted air, wipe or rub the piece with petroleum jelly or a fine oil and wipe off excess. Do not use linseed or any other oil with a strong odor because pewter is somewhat porous and the oil can never be completely removed from its surface.

Pollution Damage In The Home

Dust, soot, and smog are recognized as being harmful to your health and the environment. But they also can damage furnishings in your home.

Pollutants in the air affect the fabric on furnishings. They can fade colors, yellow whites and weaken fibers.

The most common pollutants are: nitrogen oxides, produced by combustion in furnaces, incinerators, and sutomobiles; ozone, a natural pollutant; and sulfur dioxide, produced by burning coal or oil with sulfur impurities.

Nitrogen oxides and ozone affect colorfastness in fabrics. Ozone has the effect of a strong bleach and may react with chemicals in fabrics treated with durable press to cause coloring changes. In high humidity, sulfur dioxide may form an acid which corrodes cotton and nylon.

But frequent laundering or dry cleaning can help remove destructive particles from your furnishings. To reduce air pollutants in your home, check for leaks in the furnace, gas dryers and flue pipes. And keep humidity constant by using dehumidifers in the summer and humidifiers in dry weather.

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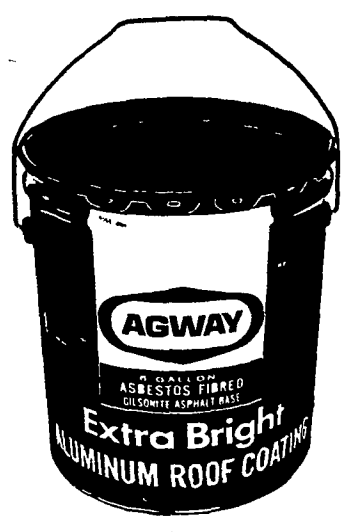

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Ida's Notebook

Ida Risser

The first week in September and the children are back in school. We took Judy to Mansfield State College two weeks ago and now it is quiet during the day. However, when the 3:30 and 4:00 buses leave the two youngest off, we return to a noisy household again.

And we do miss those helping hand we had all summer. Recently I found a paper which listed all the things Philip did to help us when he was just 5 years old. They included the following—drive cows to barn, watch baby sister, feed pet rabbit, plant and cover gladiola bulbs, mow part of lawn with push mower, wash, dress and tend himself plus running to the clock and telling us the time.

Now he has graduated to mixing cement to extend the feed trough for our dairy animals. He cleans the stables, hauls manure and feeds the calves and heifers.

There is one thing you can't help but learn by living on a farm and that is "how to work". It seems we never get finished. But I do hope learning to work will be an advantage to our children the rest of their lives.

xxx

I was pleasantly surprised the other Sunday when a spring wagon came down our lane with a young couple and their children. They had packed a lunch and drove along the Conestoga hunting me, as they read Lancaster Farming.

They have ten children from 3-15 years of age and soon they had a game of kick-ball going in the yard. We adults discussed the usual topics of rising cost of feed and fertilizer in addition to raising a large family which entails a big grocery bill.

Farm Women Calendar

Tuesday, September 10

1 p.m. - Farm Women Society 22 meeting with Ann Diller, hostess.

Wednesday, September 11

Workshop: "Meat Buying Made Easy" 1:30 - 3:00 p.m. at the Chester County Cooperative Extension Meeting Room, Paul B. Dague Building; 235 West Market St., West Chester.

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Home On The Range

What is the difference between mayonnaise and salad dressing and why does mayonnaise cost more?

Harold Neigh, Extension consumer marketing specialist at The Pennsylvania State University, explains that mayonnaise is a stable emulsion of oil droplets in water and it doesn't separate because it is stabilized with egg holk.

Ingredients include vegetable oil, lemon juice, or vinegar, eggs or egg holks and spices. Mayonnaise must be comprised of at least 55 percent oil.

Salad dressing is a similar product but contains less oil. A cooked starch paste is substituted for part of the egg. Salad dressing costs less than mayonnaise because ingredients are less expensive, Neigh points out.

Mayonnaise and salad dressings are standardized. The industry has agreed to a standard as to what constitutes mayonnaise and salad dressing. The Food and Drug Administration enforces the standard. Anyone making these products must use at least the minimum amount of ingredients in the standard. Because the products are standardized, a list of ingredients is not required on the label, says the Extension specialist.

Chocolate Pudding

Liquify the following till very smooth:

1 quart cashew nut milk or soy milk (1 cup nuts and 1 quart water)
½ cup honey
1 heaping teaspoon Postum
½ teaspoon salt
¼ cup carob powder
¼ cup coconut, shredded
6 tablespoons arrowroot starch
1 teaspoon vanilla

Heat on stove until thick stirring constantly to keep from sticking. Pour into cups. Chill. Can also be used as delicious cake topping.

Regular milk can be used instead of the above mentioned.

Katie S. Beiler
Bird-in-Hand, RD1

xxx

Steam Pudding

3 cups flour
1 cup milk
2 teaspoons melted butter
1 egg
3 tablespoons sugar
1 teaspoon soda
1 teaspoon cream of tartar
½ teaspoon salt

Set dish in water boiling to steam about 40 minutes. Do not open till done. Serve with milk and fresh fruit.

Eva B. Shirk
R.D.2
Ephrata

xxx

Peach Marmalade

5 cups sliced peaches
1 small can crushed pineapple
7 cups sugar

Cook 15 minutes. Add:

2 small or 1 large box orange or strawberry gelatin. Cook until dissolved.

Lena Stoltzfus
New Providence, Pa.

xxx

Rhubarb Jelly

5 cups rhubarb
1 pound orange gum drops
4 cups sugar

Let stand till sugar is dissolved. Cook till thick, about 10 minutes.

Ella Mae Zimmerman
RD3, Ephrata

xxx

Molasses Cookies

½ cup baking molasses
1 cup brown sugar
½ teaspoon salt
¼ teaspoon cinnamon
1 cup sour milk
5 cups flour
1 tablespoon soda

Add 1 cup melted lard at the very last. Chill dough overnight. Roll and cut. Coat with beaten egg.

Miriam Risser
RD1
Bainbridge

Snow Balls

1 cup sugar
¼ cup sour cream
1 cup buttermilk
1 egg
1 teaspoon baking soda
1 teaspoon cream of tartar
3 cups flour
1 teaspoon vanilla
⅛ teaspoon salt

Drop in hot lard. Fry till nice and brown. Roll in 10X sugar. "These taste good after a real snow ball fight."

Mrs. Amos Zimmerman
New Holland RD1

xxx

Shoo-Fly Cupcakes

Crumbs:

2½ cups unsifted flour
½ cup soft butter
1½ cups brown sugar (not packed)
1 teaspoon baking powder

Mix these ingredients together and save ½ cup crumbs for top.

Liquid:

1 cup brown sugar
1½ cups boiling water
1 teaspoon vanilla
1 teaspoon baking soda

Add this to dry ingredients. Stir until mixed. Do not beat. Lumps will disappear. Bake at 375 degrees for 20-25 minutes.

Mrs. Elva Martin
RD1, East Earl

xxx

Chocolate Creme Filled Cupcakes

Sift together:

3 cups flour
1 cup cocoa
2 teaspoons soda
2 teaspoons baking powder

Mix:

2 teaspoons vanilla
1 cup salad oil
2½ cups sugar
1 teaspoon salt
2¼ cups hot coffee
4 egg holks

Add dry ingredients to mix. Beat egg whites (fold into batter last). Bake at 350 degrees.

Filling

Boil 1 cup milk and 1 tablespoon cornstarch. Cool.

Cream together:

½ cup vegetable shortening
½ cup butter
1 cup white sugar

Mix milk and cornstarch and everything together until fluffy. Cut center of cupcake and put one teaspoon of filling and press center on top.

Makes 35 to 40 cupcakes.

Mrs. Ivan Zimmerman
Nottingham, Pa.

xxx

Favorite Bread
(easy to make)

2 tablespoons salt
2 tablespoons sugar
3 tablespoons shortening
2 tablespoons yeast
2 cups scalded milk
2 cups water
12 cups flour

Put salt, sugar, shortening, in bowl. Pour scalded milk over it and stir until dissolved. Add 1½ cups water. Add yeast dissolved in ½ cup lukewarm water.

Pour this mixture into bowl of flour. About 12 cups. Stir.

Place on floured board and knead at least 5 minutes, until smooth and elastic.

Return to bowl which has been greased. Rub warm, melted shortening over dough. Cover and let stand several hours until double in bulk or more.

Divide into 4 portions. Knead and shape each loaf.

Place in greased bread pan. Rub warm shortening over each loaf. Let rise several hours.

Prick lightly with fork. Bake at 350 degrees for 35 to 45 minutes depending on your oven.

The shortening used to grease bowl, pans and top of dough has not been listed with ingredients. Grease top of loaf after removing from oven.

Mrs. G. Sylvan Horning
RD2, Ephrata

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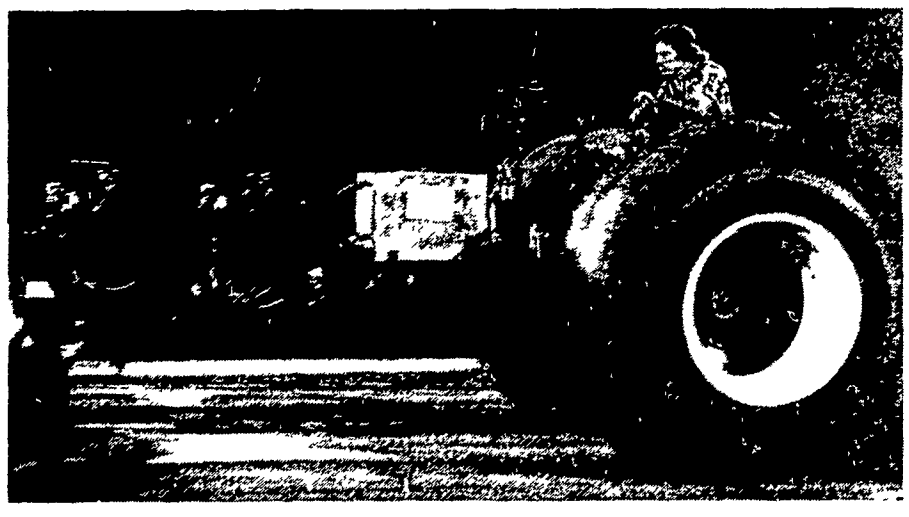

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Junior Cooking Edition

Home On The Range

How to Store Lettuce

As soon as you get lettuce home from the store, Extension consumer specialists at The Pennsylvania State University suggest you give it a good cold shower in the sink. Rinse the lettuce well, and separate the leaves as you wash. With Boston or Bibb lettuce, particularly, it takes some care to get out all traces of the garden. With iceberg lettuce, first cut out the core and as you run water through the center, the leaves will be easy to separate. Let the lettuce drain on paper towels or clean kitchen towels or place in a wire salad basket and shake well. When the lettuce is drained, transfer it to a plastic bag and let it crisp in your refrigerator until you are ready to use it.

Rocky Road Bars

Put the following in a double boiler:
½ cup margarine
1 cup 10x sugar
1 beaten egg
1 package milk chocolate bits

Stir till melted. Cool slightly. Add 2 cups miniature marshmallows. Line bottom of cake pan with whole graham crackers. Pour mixture on top. Cut in squares when cool. Pour in square pan.

Jean Hurch
Age 12
Ephrata

xxx

Potato Salad

8 medium sized potatoes
4 hard boiled eggs
1 medium sized onion
2 carrots, ground
1 cup celery
1½ teaspoon salt

Dressing:

1½ teaspoons flour
2 eggs
½ cup sugar
½ cup vinegar
1 teaspoon mustard
1½ cups water
2 tablespoons butter

Mix dry ingredients and eggs, vinegar and water. Melt butter and add dressing. Cook until thickened. Cool and pour over potatoes.

Mary Burkholder
Age 12
New Holland

xxx

Apple Fritters

1 cup flour
1½ teaspoon baking powder
½ teaspoon salt
2 tablespoon sugar
1 egg unbeaten
½ cup milk plus 1 tablespoon
1½ cup apples chopped

Sift dry ingredients together. Beat egg and add milk. Pour into dry ingredients. Stir until the batter is smooth. Pare apples and dice or slice very thin. Add apples to the batter and blend together. Drop by spoonsful into deep hot fat 370-375 degrees. Fry until a golden brown on all sides. Makes 12-15 fritters.

Lousie Horst
Age 10
Ephrata

xxx

Butterscotch Squares

½ cup butter
2 cups brown sugar
2 eggs
2 cups flour
2 teaspoon baking powder
½ teaspoon salt
2 teaspoon vanilla

Melt butter and blend with sugar. Add egg and beat vigorously. Sift flour and add baking powder and salt. Sift again. Add dry ingredients to eggs and sugar mixture and mix together well. Add chopped nuts and vanilla. Spread dough in a greased oblong pan. Bake at 350 degrees for 30 minutes. Cut in squares or bars while warm. Makes 38-40 squares.

Dorothy Ringler
Age 13
Stevens

xxx

Whole Wheat Griddle Cakes

2 cups whole wheat flour
3 teaspoons baking powder
2 tablespoons brown sugar
1 teaspoon salt
1½ cups milk
2 eggs well beaten
5 tablespoons melted shortening

Beat eggs and add brown sugar milk and shortening. Set aside. Mix dry ingredients make a well and add egg mixture stir just enough to moisten flour. Fry on griddle.

Vera Leid
Age 15
Kutztown

xxx

Jello Salad

2 small boxes lime jello
4 cups hot water

When starting to set add 1

(Continued on Page 18

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ORGANIC LIVING

By

Robert Rodale

HEALTH GROWS ON TREES

What food is high in nutritive value, grows wild and free for the picking, needs little or no care while it is growing and is harvested simply by being picked up from the ground?

The answer is nuts – almonds, cashews, pecans, filberts, walnuts, chestnuts, butternuts and all the other overlooked foods in a shell. Nuts are especially appealing because they're a back-to-nature food, the sustenance of our primitive ancestors. Down through the centuries, for example, far more people have eaten acorns than wheat. Nuts were a staple food long before man ever began planting and reaping

Unlike ordinary crops, nut trees do not depend for growth on the thin upper layer of soil, which is usually treated heavily with artificial fertilizers and doses of arsenic, DDT and other poisons. The nutritional quality of nuts is also enhanced by the deep-rooting nature of the trees. Roots of hickory, walnut and pecan often reach down 15 feet or more into the mineral-rich subsoil for nourishment.

Nuts gathered from wild trees in the autumn have a double advantage. They're often free for the taking, and they've never been sprayed. But even commercially-grown nuts that have been treated with pesticides don't absorb them the way ordinary fruit does. Nuts are providently protected from contamination by their shells.

Nuts are a concentrated energy source. In fact, they are so rich in calories that they should be eaten in moderation, especially by weight-watchers. Pound for pound, they far exceed the caloric power of bread, meat or fruit. But the calories are far from empty; nuts are bursting with nutrients.

Nuts are THE protein favorite of vegetarians. Most nuts contain about 10 to 25 per cent protein, and cashews, in particular, are a protein powerhouse. Vitamins A, E, thiamin, riboflavin, unsaturated oils and minerals like magnesium, phosphorus and iron are also supplied by nuts.

Pecans are an especially good source of vitamin B6, a nutrient that is in short supply in many processed foods. English walnuts are reported to be one of the richest natural sources of vitamin C.

Nuts are also ideal for home storage because they stay fresh months when kept properly. They were designed by nature to keep for a long time – a rich kernel in a tight shell that would preserve the seed of a tree from one year to the next.

Shelled nuts should be stored in a refrigerator or freezer. Because of their high fat content, they tend to become rancid if kept too long at room temperature.

Many people eat nuts the wrong way – fried and salted, or in candy bars. For best nutrition, you should serve them raw and unsalted. Keep a bowl of mixed, unshelled nuts and a nutcracker on hand for healthful snacking.

You can also add whole or sliced nuts to various dishes, including rice, salads, fish and chicken. Many natural food cookbooks contain recipes for nut milk, a surprisingly different food you can make from almost any kind of nut. All you need is a blender, water and a strainer.

To make cashew milk, for instance, just add one cup of cashew nuts to four cups of water in a blender container, add honey to taste and blend at high speed for two minutes. Nut milks can add nutrients and exotic flavor to many beverages and desserts.

The following recipe from The Rodale Press Cookbook

uses ground nuts instead of flour to make a delicious dessert:

WALNUT TORTE

6 egg yolks
½ cup honey
½ cup skim milk powder
½ cup wheat germ
2 cups walnuts (ground fine in electric blender, ½ cup at a time)
1 teaspoon pure vanilla extract
6 egg whites

Prepare two 9-inch layer cake pans by oiling bottoms with pastry brush. Cut two circles from heavy brown paper or parchment paper. Place the paper on bottom of each pan and brush the paper thoroughly with oil.

Beat egg yolks until thick and lemon-colored. Gradually blend honey into the egg mixture. Stir in the skim milk powder, wheat germ and ground walnuts; blend together. Add vanilla extract.

Beat egg whites until stiff. Using an over and under motion, gently fold egg holk mixture into beaten egg whites until well combined. Pour batter into the prepared pans, spreading evenly to edges. Bake in preheated oven for 30 minutes at 325 degrees F.

Remove from oven and loosen sides with a spatula to ease cake out of pan. Invert on wire rack and remove paper immediately. Allow to cool completely before adding filling or fruit topping. Yields 10-12 servings.

xxx

(Editor's note: The opinions appearing in "Organic Living" are those of its author, Robert Rodale, an independent columnist. Rodal'e comments do not necessarily reflect the thinking of the Lancaster Farming editor or anyone else on the Lancaster Farming staff.)

xxx

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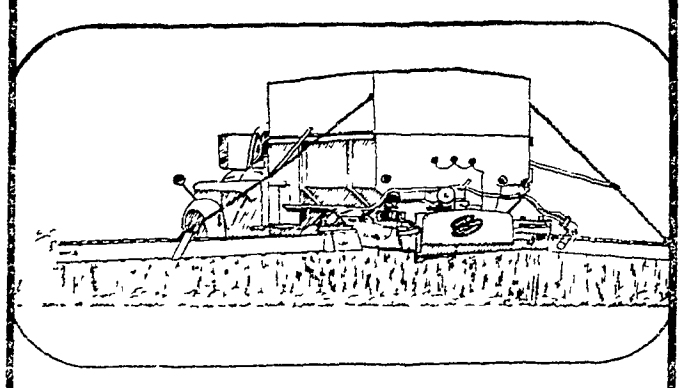

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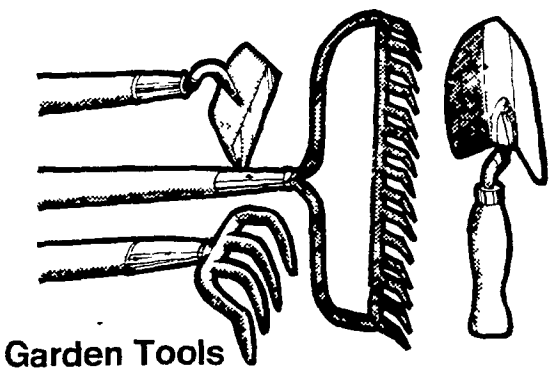

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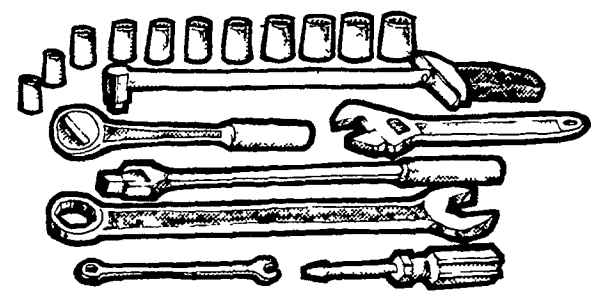

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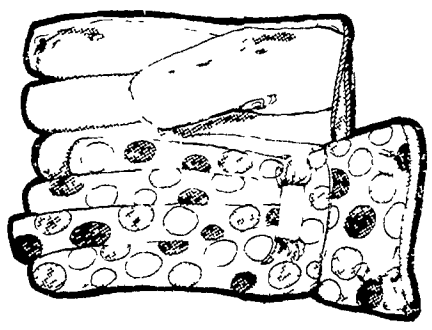

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Farm Women Societies

Society 4

Farm Women Society 4 met recently at the home of Mrs. Charles Myers on Dairy Road, Lancaster, with Mrs. Minnie Musser as co-hostess. The members had an exchange box lunch which was enjoyed by all.

Mrs. E. Robert Nolt, president gave the highlight of the County Executive Board. The Society voted to give $50 to the Jaycee Camp Project.

Mrs. Paul Kauffman was announced as chairman of the nominating committee. Election for president and vice-president will be held at the next meeting.

The September meeting will be held, Saturday, Sept. 28th at the Manor Brethren-in-Christ Church.

Society 5

Society of Farm Women 5 held their August meeting at the East Petersburg church of the Brethren. We entertained Society 21 and the County Officers.

Miss Joyce Burkholder was the speaker. She was the recipient of the National Goodwill Worker of 1973. Because of this award she has had the pleasure of traveling all over the country, been on many television Shows and a guest at the White House. She not only told the story of her life but of the many handicapped people who have been able to help themselves as a result of learning a job through the help and training of Goodwill Industries.

Beautiful selections were played by a paino trio consisting of Mrs. J. A. Steffy, Mrs. Arthur Ulrich and Mrs. Wilbur Hostetter.

Society Members were asked to send Birthday Cards (Sept. 21) to Robert E. Zellers at the Crippled Children's Hospital, Elizabethtown, Pennsylvania 17022.

At our next meeting we will be entertaining our husbands at Historic Strasburg at 6:30 p.m. September 28. Dorothy Parmer, The Mad Hatter will be our speaker.

Society 19

Farm Women Society 19 held its August meeting at the Harrisburg State Hospital Tuesday evening, August 20. About 30 residents were entertained and served refreshments.

A short business meeting followed in a room at the Howard Johnson Restaurant. Mrs. A. Ross Weaver, vice-president presided Members were informed of County Convention scheduled for November 2 at the Lancaster Bible College and tickets were available.

September 13 is the date for the next meeting to be held at the home of Miss Ruth Heisey. Mrs. Isaac Miller will give an illustrated talk on her recent trip to Europe, Holy Lands, and Africa.

BERKS COUNTY

Society 5

Fifteen members and one guest, of Farm Women Group 5 attended the doggie roast which preceded the monthly meeting at the home of Mrs. Harold Zechman, Stouchsburg.

Mrs. Albert Moyer, recording secretary, presided at the business meeting. Mrs. George Troutman, corresponding secretary, read the minutes, and the treasurer's report was submitted by Mrs. Richard Schareff.

The Food and Volunteer committee chairman, Mrs. Leroy Miller, reported group members had assisted in the serving of food at the clean-up following the barn fire on the Cyrus Sprecher farm.

Mrs. Moyer read an invitation received from Group 1, Lebanon County, to attend their "Night of Entertainment" Sept. 10 at the Iona Methodist Church. She also read a note received from Group 8, Berks County, to attend a meeting scheduled for Sept. 20 at the Sharltlesville Grange Hall.

Members were informed that if Christmas gifts are to be sent to the Hamburg State School, the institution would like to receive them by the end of November.

Also discussed was the County Convention to be held Oct. 5 at the Kutztown Grange Hall. Reservations must be received by Sept. 15 and those wishing to enter the long dress sewing contest were informed that the entry may be a long skirt and a blouse, or a long gown. Group members were urged to bring gifts for the silent auction.

Mrs. Ernest Wessner will represent Group 5 on the County Convention's nominating committee.

Mrs. Moyer appointed Mrs. Wessner, Mrs. Harold Zechman, Mrs. Raymond Seidel, Mrs. Leroy Miller and Sara Stowe, to serve on the nominating committee for Group 5's officers.

A bake sale has been planned for Sept. 27 to be held from 6 to 9 p.m. at the Dutch Way Market, Route 422, east of Myerstown.

Plans for the monthly October meeting were changed from a garden party to a Halloween party with every member to come in costume or pay a fine.

The Sept. 23 meeting with Sarah Stowe as hostess will be at Tulpehocken Manor. Following a tour of the manor, the monthly meeting will be conducted by the acting president, and refreshments will be served.

The program for the evening was led by Mrs. Zechman, who showed colored slides of the Zechamn family's trip to Denver, Colo.

Park City To Open Market

Park City will soon be the site of a new farmer's market that will run for three days each week. The market which involves approximately 30,000 square feet will be located on the lower level of the Park City Mall near the movie theater entrance.

There will be close to 70 stands offering a variety of products including baked goods, fresh produce and fresh and smoked meats. smoked meats.

As of this date, 70 percent of the display stands have been leased on a regular basis. Park City Associates are now seeking about 30 more interested people to complete the market display area.

The second week in October has been the tentative scheduled date for the opening of the facility which will be open on Thursdays from 10 a.m. - 6 p.m.; Friday from 9 a.m. - 8 p.m. and on Saturdays from 8 a.m. to 3 p.m.

Anyone interested in displaying their goods at the market or having additional questions should contact Park City Associates at 717-393-3851 or stop in at the office in the Mall area.

Hints for Homemakers

Maintenance of Laundry Equipment

Any day of the week can be laundry day with automatic washers and dryers. For operating efficiency, keep the machinery itself clean.

Take time to read the instruction booklets before using new appliances and follow directions. These booklets will tell how to care for the appliance as well as a list of things to check before calling a serviceman if the machine is not operating correctly. Keep the instruction books in a spot close to the appliances for quick reference.

Here are some additional care guidelines for your automatic laundry equipment.

Routine Washer Care

Turn off hot and cold water faucets to prevent strain on the hoses cuased by water pressure after finishing washing. Check to see that hoses are not kinked or bent.

Clean washer lint filter after using. Wipe the inside of the tub and agitator with a clean damp cloth or sponge as routine care. To remove the agitator, turn the cap to the left (counterclockwise). Lift out the agitator, check the bottom of the tub and remove any objects that may have dropped out of pockets. Wipe the agitator post before replacing the agitator, then secure the cap tightly in position.

Leave the loading door or lid open to dry out the interior.

Do not use the washer as a hamper for soiled or damp laundry. Mildew could develop on clothes making it impossible to remove the odor.

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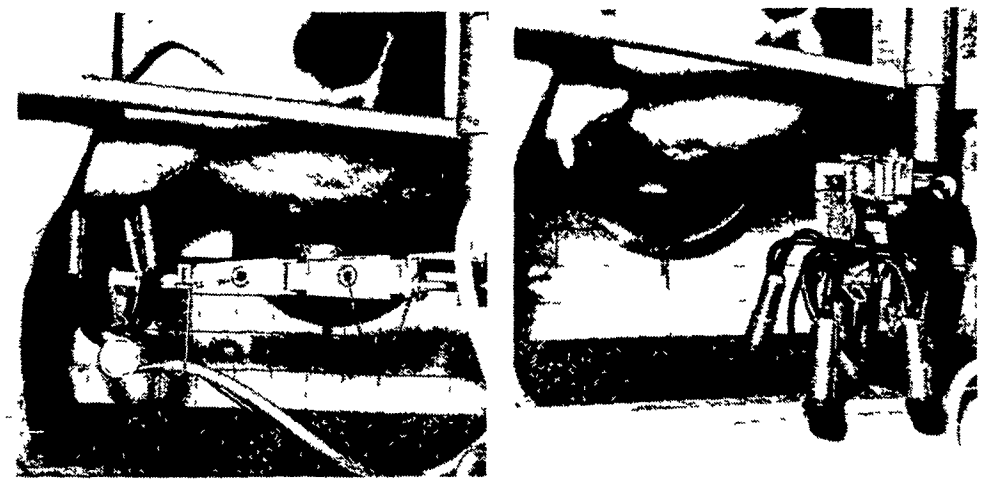

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Dairy Co-op Official Retires

Golden W. Davis, management assistant, Inter-State Milk Producers' Cooperative, will retire September 1, 1974, due to illness.

Golden was born on a farm near Washington, D.C. During his early childhood his father moved to a dairy farm in Harford County, Maryland. Golden was active in 4-H and FFA and graduated from Highland High School, Street, Maryland, as president of his class.

Following graduation from college, Golden supervised DHIA work in Cecil County, Maryland. One year later he was employed by Southern States Cooperative and for a five-year period managed Southern States stores. Golden was moved to Warehouse Management in Baltimore for another five years and assisted in the opening of a wholesale supply warehouse in Clarksburg, W.V.

Golden was employed as a field representative for Inter-State Milk Producers' Cooperative in September 1946, His responsibilities as a fieldman included members in Cecil and Harford Counties, Maryland; Chester and Lancaster Counties, Pennsylvania. In April 1961, Golden became responsible for a department of field and test work and was promoted to management assistant.

Golden married the former Virginia Dennen, and they are members of the Hopewell United Methodist Church, Port Deposit, Md., where he has served as president and member of the Board of Trustees.

Since 1961, Golden has been involved with all problems relating to quality, sanitation, and hauling within the territory of Inter-State Milk Producers' Cooperative. He has worked tirelessly with members of Inter-State and others within the dairy industry to improve and maintain the flavor of milk. His creative work has caused him to serve on many committees that have included the Pennsylvania Milk Flavor Advisory Committee (member and secretary); Pennsylvania Mastitis Council; Maryland Mastitis Council; Pennsylvania Rural Water and Waste Committee; Southeast Approved Inspectors Executive Committee; Advisory Committee of Pennsylvania Milk Marketing Board on Bulk Tank Sampling and Butterfat Testing; member, secretary, and chairman of the board of the Milk Control District No. 1; and member and secretary of the Northeast Milk Handling Equipment Committee. He was also active in the Interstate Milk Shippers Conferences of the USPHS and FDA Departments in the Federal Government; charter member of the Chester County Board of Health; and recently chairman of a Dairy Nutritional Study Committee.

Golden has been responsible for the development of a Dairy Farm Inspection system for Inter-State and worked with all laboratories involved. He has developed a quality control record system that meets the requirements for all laboratories involved. He has developed a quality control record system that meets the requirements for all county, state, and Federal regulatory agencies, and more recently has developed an acceptable file of all producer records on inspection, sanitation, and laboratory work for Inter-State Milk Producers' Cooperative.

Golden W. Davis has contributed unmeasurably to the dairy farmers who are members of Inter-State. He will be remembered by members of Inter-State and the dairy industry for his sincerity and thoroughness with his work since September 1946.

William B. Hastings, native of Lancaster County, and a fieldman for Inter-State for over 25 years on the Eastern Shore of Maryland, will assume the responsibilities of Mr. Davis.

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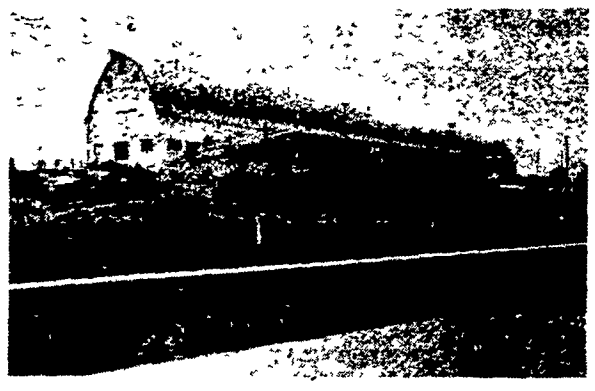
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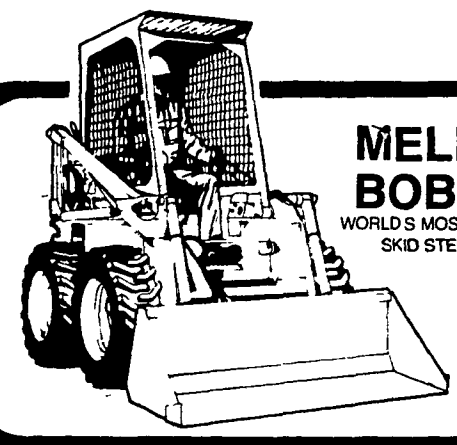
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AAMA Recommends Grape Price Boost

The American Agricultural Marketing Association has recommended a minimum price of 12 cents per pound for U. S. No. 1 16-Brix Concord grapes subject to regional price adjustments which may be announced by state associations, according to Harold J. Hartley, AAMA general manager.

"Growers are faced with rapidly increasing costs," Hartley said in making the announcement. "For the past five years the AAMA has recommended price increases of 10 percent to 20 percent a year in an effort to keep up with increasing production costs. This year's recommended price increase is a continuation of this effort.

"Growers feel that a modest 2 cents per pound increase for Concord grapes is reasonable. In fact," he continued, "it demonstrates growers' awareness of the nation's current sensitivity to food costs. Other processor costs have increased much more rapidly. Sugar, for example, has increased over 20 cents per pound in the last year."

The AAMA acts as common marketing agent for the marketing associations affiliated with state Farm Bureaus in Michigan, Ohio, New York, Pennsylvania and Washington. The 1974 price recommendation was made on the advice of the AAMA Grape Advisory Committee.

The recommendation for the new price structure also reflects the demand for grapes for processing, strong consumer demand for juice, wine and other grape products along with a near normal U. S. crop, according to Hartley. Other factors supporting strong producer prices include strong demand indications and low stocks-on-hand.

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Record Mushroom Production

Production of mushrooms in Pennsylvania reached a record high 164.0 million pounds for the year ending June 30, 1974, according to the Crop Reporting Service. This was 13 percent above a year earlier and represents 59 percent of all U. S. grown mushrooms. Of the 164.0 million pounds produced, 117.7 million pounds were used in processing and 46.3 million pounds were sold for fresh market

The value of the 1973-74 crop was $63.8 million, up 8 percent from the 1972-73 value. The average price received by growers for the crop year ending June 30, 1974 was 38.9 cents per pound, compared with 40.7 cents a year earlier. Average fresh market price for the past season was 51.4 cents per pound and the average processing price was 33.9 cents per pound.

Production for the year ending June 30, 1974 was grown on 59.5 million square feet of bed and tray area with average yield of 2.76 pounds per square foot. This compares with a year ago growing area of 55.0 million square feet and average yield of 2.65 pounds. Growers intend to fill 62.0 million square feet of production area during the year beginning July 1, 1974.

Nationally, mushroom production was a record high of 279.5 million pounds for the year ended June 30, 1974. This was 10 percent above a year earlier. Of this total, 177.2 million pounds were used in processing and 102.3 million pounds were sold for fresh market. Value of production was $123.4 million, up 12 percent from the previous year.

Public Access Program For Chester County

Our neighboring county to the east, Chester, has been approved to operate the Public Access Program for Hunting & Fishing for the third year. It provides selected farms in Chester County for the public to hunt or fish.

These farms will display an orange colored sign, 12" x 18", with large black letters HUNTING or FISHING.

Please stop at the farm headquarters and advise that you desire to hunt or fish. The Farmer in turn will give you a users card which you should complete and drop in the nearest mailbox. This will help the program officials evaluate the success of this pilot program.

This pilot program is operated in 10 states and 5 counties in each state. Chester County was chosen as one of Pennsylvania's 5 counties because it is located near a large metropolitan area. The other counties in Penna. operating this program are Adams, Lycoming, Armstrong, and Mercer.

Should you be interested in hunting or fishing on one of these farms in Chester County you can contact the Lancaster County ASCS Office, 1383 Arcadia Road, Lancaster, Pa. 17601. Their phone number is 717-397-6235.

DUNJA SAWISKI, REGISTERED NURSE AT PRINCE GEORGE, BRITISH COLUMBIA, HAS THREE PATIENTS AT HER 83-ACRE FARM—BALD EAGLES BROUGHT TO HER BY CONSERVATION OFFICERS. ONE BIRD, BLIND IN ONE EYE FROM A TUMOR, HAS BEEN CONVALESCING FOR FOUR YEARS. SHE HAS ALSO NURSED GEESE AND OTHER BIRDS BACK TO HEALTH.

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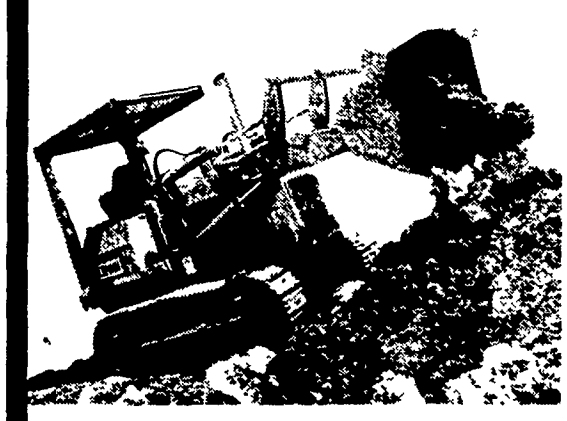

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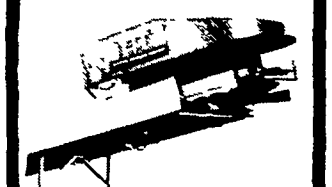

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Mrs. J. Stanley Stauffer, RD1, Quarryville, was recently selected as "Granger of the Year" by the Fulton Grange.

Mrs. Stauffer Receives Grange Award

Mrs. J. Stanley Stauffer Jr., Quarryville R.1, was selected as the "Granger Of The Year" for Fulton Grange 66 at their regular meeting August 26 in Oakryn, Lancaster Co. She was presented with a bouquet of varicolored carnations, each color symbolic of degrees in Grange work, and an appropriate program. Mrs. Stauffer served as chairman of this Grange's centennial committee this year and has been active in Grange work for a number of years as well as being active in community and church organizations.

Jesse Wood, chairman of the Granger Of The Year committee, told why Mrs. Satuffer was selected and poems relating to the colors of flowers in the boquet were read by Mrs. Rebecca Quinn, Mrs. James A. Brown, Dennis Buchanan, David Hanks, Mrs. DeWitt Bacorn, Gyles Brown, Tommy and Joyce Galbreath.

Jack W. Sommers, a representative of America Family Life Assurance Co., explained to Grange members their group cancer insurance program.

Charles McSparran, Master, presided at the business session when the youth committee reported on their swimming and miniature golf parties and announced a code-reading class to be held at the home of Thomas Galbreath Sept., 7, 8 P.M. Their tickets for the bus trip to Phila. to see the Phillies vs St. Louis baseball game Sept. 13 are sold out. The committee is now working on a float for the Solanco Fair parade Sept. 20th.

The Grange will have both hall rooms floors cleaned and refinished in the near future. The Grange's representative on the Solanco bicentennial committee, Norman Wood, received some suggestions for celebrating next year. The Women's Activities committee reported that Fulton Grange's supply of Pa. State Grange cookbooks is temporarily exhausted but more are on order.

Election of officers for the 1974-1975 Grange year will take place at the next regular meeting Sept. 12 with installation taking place Oct. 14. Community Night will be observed Sept. 23.

xxx

To encourage minority recruitment, the State Civil Service Commission establishes continuing relationships with community action groups, disseminates information on equal opportunity employment, and makes direct referrals of minority candidates to other State agencies.

"Time Out" For Alfalfa Cutting

by M. M. Smith
Lancaster Co. Agent

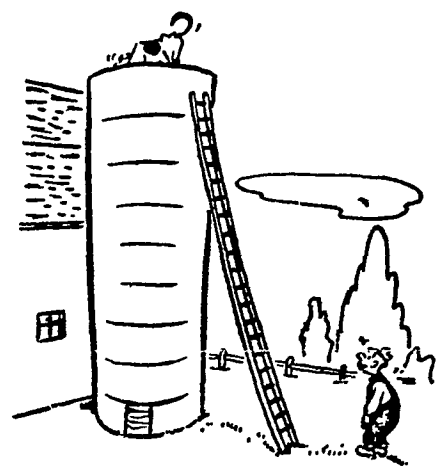
According to leading alfalfa authorities the first two weeks in September should be a time when the alfalfa plants are allowed to develop rhizomes and a stronger root system for next year. Even though there are conflicting opinions regarding when the last cutting should be made, there is general agreement that no cutting should be made in Lancaster County from September 1 to September 15.

This was stressed recently at a field meeting of the leading alfalfa research men in the northeast part of the country. Research work shows that the plants will be weakened and produce less alfalfa next year when they are cut during early September.

Local growers are urged to refrain from cutting during the next two weeks (from Sept. 1 thru Sept. 15) if they wish to retain the alfalfa stand for another year. After the middle of September, the crop may be cut at the early to full bloom stage.

Some growers have chosen to wait until after a killing frost in October to remove the final cutting of alfalfa; the removal of this last growth late in the year is gaining in acceptance rather than to permit a full growth to remain on the ground over winter. Fertilizer applications of a phosphorus-potash fertilizer (0-15-30 or 0-20-20) both in the early summer and again late fall is strongly recommended for top yields.

Good insect control at all times will help yields and permits the stand to last longer. Alfalfa is still the leading forage crop in this part of the country and deserves the best of care and management.



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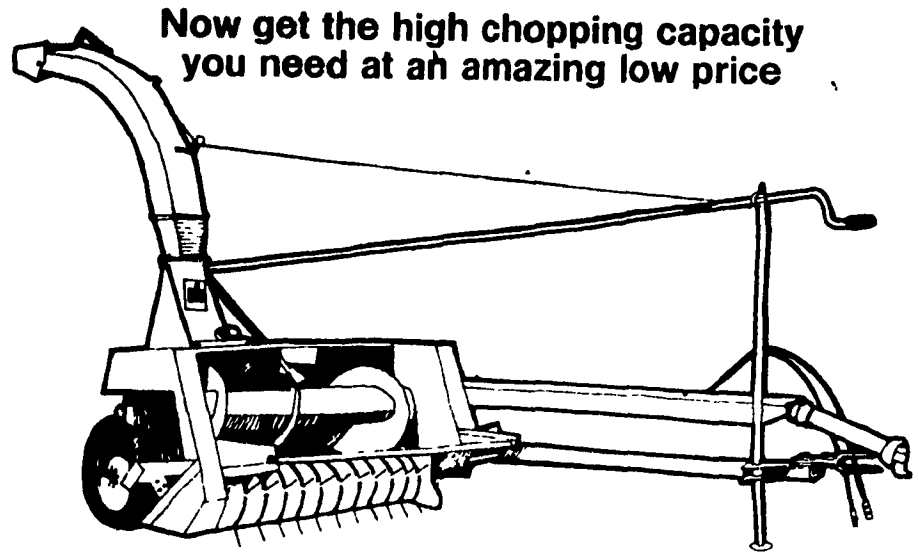

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Barnes Speaks On Forage Use

Some 20 million acres of land in the Northeastern states could be used for producing more protein in the form of livestock, declared Dr. Robert F. Barnes of the U S Department of Agriculture and The Pennsylvania State University during a regional meeting of the American Society of Agronomy held recently in Durham, N.H. The 20 million acres include croplands of various quality, abandoned lands, and forests.

Dr. Barnes claimed land for forages and grasses is "the greatest renewable resource available in the Northeast." He indicated about 62 percent of the land in the northeast is unsuited for cultivated crops. With renovation and proper management, much of this land can produce forages and grasses for livestock.

He said that more than two-thirds of the dietary protein in the U. S. is derived from meat, fish, poultry, and dairy products. Total meat consumption per person in the U. S. increased from 146 pounds in 1952 to 189 pounds in 1972. Plant sources of protein, on the other hand, have decreased by about half since 1910 for products such as flour and cereals. The latter two now provide less than 20 percent of the dietary source of protein in the U. S.

Dr. Barnes gave one of two key lectures dealing with trends in Northeastern agreculture. He serves as adjunct professor of agronomy at Penn State and directs the programs of the Regional Pasture Research Laboratory of the Agricultural Research Service, U. S. Department of Agriculture, at University Park.

Although Northeastern farmers have the advantage of being close to the consumer, the area produces only 1.5 percent of the nation's beef cows and 3 percent of the sheep. The current energy crisis, he thought, could force meat producers and processors to move closer than normal to the consumer.

But closeness to market has its disadvantages. Expansion of farm operations in rural-urban areas is often hampered by increased taxes, exploitation of arable cropland for urban use, scarcity of labor, and the problems of waste disposal and the increasing potential for pollution of air, water, and land. Pollution regulations are resulting in smaller feedlots for cattle than previously to decrease waste disposal and air pollution.

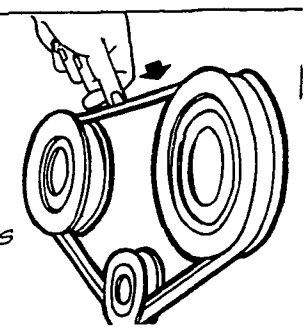
Dairy farming, meanwhile, is well developed in the 12 states. About 20 percent of the fluid milk in the nation comes from Northeastern herds. Average production per cow has increased while total milk production has decreased only slightly. Dr. Barnes indicated that successful dairy farming will continue to be tied into forage production programs.

Numbers of dairy cows and dairy farms will probably continue downward in the Northeast, due largely to retirement of one-man dairy operations, Dr. Barnes observed. Land is being released continually from dairying. In New York alone, it is projected that 750,000 acres of additional land will be released by 1985. Only Pennsylvania, he said, has greater cattle numbers in 1974—both beef and dairy—than the average number from 1943 to 1952.

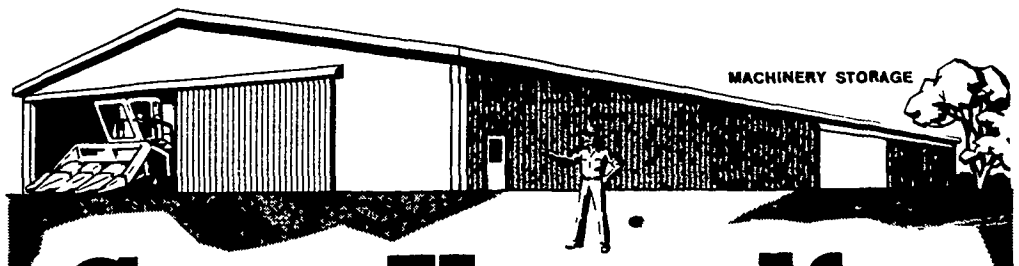
Some economists predict that consumption of red meat will increase by 2 pounds for each person yearly through 1985, he said. If this occurs, the United States will need an estimated 9.6 million more beef cows and about 50 million acres of new forage land. Furthermore, a 10 percent increase in U. S. population by 1985 will require 4 to 5 million more cows for a total of about 15 million additional animals. The total number of cattle in the U. S. in 1973, both beef and dairy breeds, was about 122 million head.

The beef cattle industry depends particularly on forages, he pointed out, since beef cows obtain over 95 percent of their nutrients from forages. And he added that beef cow numbers are determined by the amount and quality of forage available, as well as the cost of producing a calf. Thus, one of the strongest factors in determining beef prices is the number of animals available for slaughter at a given time.

Automobile Service Tips



CHECK THE TENSION OF THE FAN BELT BY PUSHING IT DOWN, MIDWAY BETWEEN THE PULLEYS, WITH YOUR THUMB. THE FAN BELT SHOULD FLEX ENOUGH TO DEPRESS ABOUT HALF AN INCH. IF IT STRETCHES BEYOND THAT, IT NEEDS TO BE TIGHTENED OR REPLACED.



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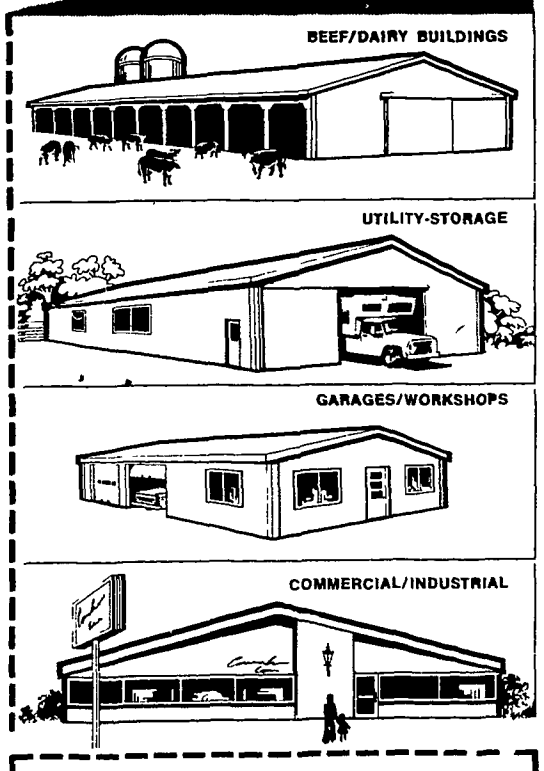

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Harvey S. Sauder, right, of RD1, New Holland, winner of the State Plowing Contest's contour plow division, receives plaque from Mr. Buell Ferguson, deputy state conservationist with the U.S. Soil Conservation Service, Harrisburg. The contest was held in conjunction with the 1974 Agricultural Progress Days at Bloomsburg, sponsored by The Pennsylvania State University's Cooperative Extension Service.

Frank R. Burkhart, right, of 1030 Silver Spring Road, Lancaster, winner of the small plow division of the State Plowing Contest, receives plaque from Dr. James M. Beattie, dean of The Pennsylvania State University's College of Agriculture. The plowing matches were held in conjunction with the 1974 Agricultural Progress Days at Bloomsburg.

Sheep Handbook Available Soon

A completely revised second edition of the Sheep Housing and Equipment Handbook has been prepared and published by the Midwest Plan Service according to Dr. John Pedersen, manager. Sheepmen can secure copies by contacting the Extension Agricultural Engineer of their land grant university or their county extension office.

The handbook was prepared under the direction of midwest agricultural engineers and animal scientists. Housing and equipment plans include the most recent research and technology. Proven pieces of equipment have also been included. There are ideas and plans presented for the small flockowner as well as the large 3000-6000 head operator.

The handbook includes a number of completely new sections. There are sections on planning, barn and lot layout (including slotted floor confinement units), waste management, feed handling, and an extensive section on pieces of handling equipment designed to help sheepmen do a better job more easily.

Tom Wickersham, extension sheep specialist at Iowa State University, stated the handbook would be worth several times its cost to any sheep producer seriously considering a change in his sheep program, management system or the housing and equipment he uses.

The handbook contains 84 pages attractively printed in two colors. The many drawings give enough detail that contractors or sheepmen can work directly from them.

The publication is designated MWPS-3, Sheep Housing and Equipment Handbook and can be purchased for $2.00 per copy. Anyone interested in securing the handbook outside the midwest should contact the Midwest Plan Service, Iowa State University, Ames, Iowa, 50010, directly.

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PSU To Study Single-Residence Sewerage Plans

Plans for a study of single residence sewage treatment in rural Pennsylvania were described recently in Wellsboro by Dr. Peter W. Fletcher and William E. Sharpe of The Pennsylvania State University.

The Penn State faculty members indicated $9,000 have been made available for a 3-year cooperative project to investigate alternatives to conventional on-site sewage disposal methods for rural areas. Funding came from the Office of Water Resources Research of the U. S. Department of the Interior

Cooperating on the study will be personnel of the Pennsylvania Department of Environmental Resources and the several private industrial, research and developmental groups and associations Dr Fletcher is professor of forestry in the College of Agriculture at Penn State and Mrs Sharpe is water resources specialist with the Institute of Research or Land and Water Resources

The report was made during a meeting of the Joint Local-State Task Force on the Pine Creek Watershed Dr. Fletcher is chairman of a statewide steering committee to meet August 9 in Harrisburg to determine the ultimate direction and scope of the study of rural sewage disposal in the Commonwealth.

Main purpose of the project is to define the magnitude of the on-lot sewage disposal problem in Pennsylvania, Dr. Fletcher pointed out. The study will determine the feasibility of starting a comprehensive long-range research program to identify, develop, and evaluate solutions to single residence sewage disposal in rural areas.

Following a review of previous work with sewage disposal in rural areas, a conference will be called to determine the direction and scope of research efforts.

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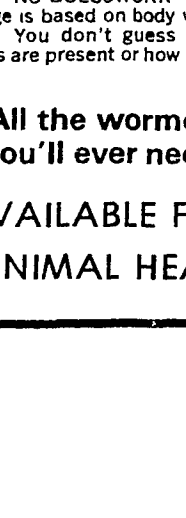

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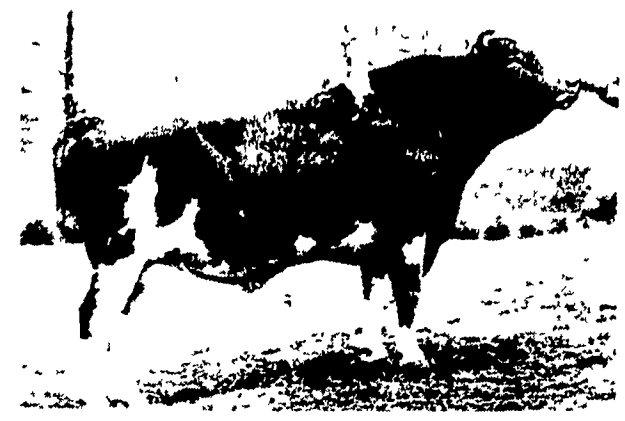
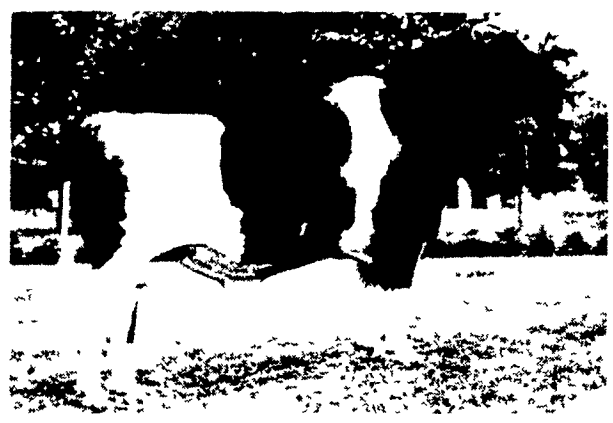
Pred Dif (99% rpt) +761M +$61 +36F
1 069 Cl Daus Ave 79 6 772 Pr + 19 PDT

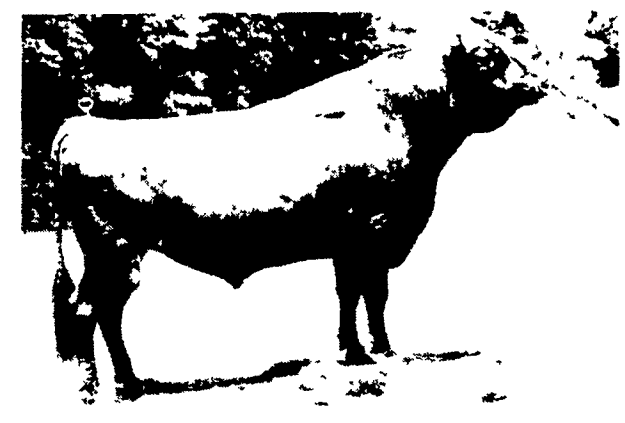


15G111 Nolichuckey TC TRANSFER
10 Daus in 1 Herd Ave 15 137M 4 31 653F
Pred Dif (19% rpt) +433M +$28 +12F
10 Classified Daus Ave 86 5 +3 5/Br Ave



15H120 Harrisburg GAY Ideal — EX & PQ
222 Daus, 127 Herds Ave 15 959M 3 62% 578F
Pred Dif (91% rpt) +1 068M +$70 +32F
35 Cl Daus Ave 79 8, 24 Pr - 23 PDT

15H140 Round Oak ELECTRON — GP
(preliminary USDA summary June/74)
21 Daus in 18 Herds Ave 17 636M 3 67% 648F
Pred Dif (50% rpt) +933M +$62 +29F



1J133 Regis Premier DENI — D
10 Daus in 3 Herds Ave 13 368 4 77% 638F
Pred Dif (33% rpt) +672M +$45 +21F
4 Classified Daus Ave 85 0

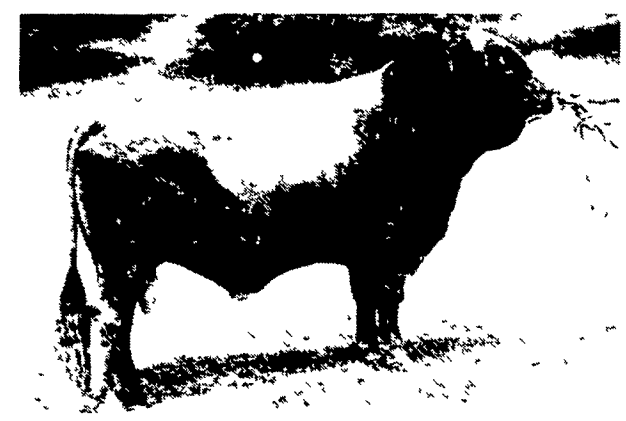
15H128 WINTERthur Hector Ivanhoe Van — VG & PQ
86 Daus in 62 Herds Ave 15 748M 3 77% 593F
Pred Dif (79% rpt) +889M +$74 +45F
(no official type summary to date)

15H141 Sterlingdale PIONEER Admiral — EX & GM
29 Daus in 3 Herds Ave 18 587M 3 32% 618F
Pred Dif (32% rpt) +780M +$37 +6F
25 Pr Classified Daus Ave 82 0, + 48 PDT

9A79 Mar Ral Fickle's BOY — EX
67 Daus in 40 Herds Ave 12 585M 3 80% 478F
Pred Dif (75% rpt) +521M +$32 +13F
12 Classified Daus Ave 84 2 -1 2/Br Ave

15H171 Minnechaug Glenafton HERCULES — VG & GM
22 Daus in 5 Herds Ave 19 634M 3 65% 717F
Pred Dif (29% rpt) +624M +$40 +18F
29 Pr Classified Daus A DT

15H161 Kanawaka EDUCATOR — VG & GM
22 Daus in 4 Herds Ave 18 333M 3 79% 694F
Pred Dif (34% rpt) +742M +$52 +26F
17 Pr Classified Daus Ave 83 8 +1 55 PDT



14B140 Bright's GOLDEN — Ex & Superior
42 Daus in 5 Herds Ave 15 145M 3 94% 596F
Pred Dif (32% rpt) +582M +$43 +23F
33 Classified Daus Ave 83 8 + 1/ Br Ave

(All production summaries above, except 15H140, are USDA May-74;
type data is latest from breed association)

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Junior Cooking Edition

Home On The Range

(Continued from Page 39)

large can drained crushed pineapple to jello. Whip cream or 1 or 2 packages of whipped topping following directions. Then add 1 package 8 ounces of cream cheese and beat till smooth. Put on jello. Take pineapple juice and add enough of water to make 1½ cups juice then add 1 cup sugar, 3 egg yolks, 3 level teaspoons flour, pinch salt; cook together, cool, and put on whipped topping.

Ephraim Fisher
Age 7
Paradise

xxx

Peanut Butter Creams

¼ cup confectioners' sugar
1 cup chocolate chips
½ cup sweetened condensed milk
1 cup peanut butter

Mix confectioner's sugar, chocolate chips, milk and peanut butter together. Drop onto waxed paper and chill for a short time.

Richard Rutt
Age 8
Mt. Joy

xxx

Fudge Nut Bars

Cream Together:
1 cup butter or margarine
2 cups light brown sugar
Add and Mix:
2 eggs
2 teaspoons vanilla
Sift, add and mix:
2½ cups flour
1 teaspoon soda
1 teaspoon salt
Stir in and set aside:
3 cups quick rolled oats, uncooked.

Fudge Nut Filling:
1-12 ounce package semisweet chocolate pieces
1 cup sweetened condensed milk
2 tablespoons butter
½ teaspoon salt
1 cup chopped nuts
2 teaspoon vanilla

Mix together in double boiler and stir until mixture is smooth.

Spread about 2-3 of oatmeal mixture in bottom of a greased long cake pan. Cover with chocolate mixture. Dot with remainder of oatmeal mixture and swirl it over chocolate filling. Bake in moderate oven 350 degrees for 25-30 minutes or until lightly brown. Cut into blocks while still warm.

Judy Witmer
Age 12
Willow Street

xxx

Grilled Cheese Sandwich

2 slices bread
2 slices American sheese
1 tablespoon butter or margarine

Place cheese between bread slices. Melt butter in fry pan over low heat. Tilt pan to cover with butter. Place sandwich in pan and heat one side until slightly browned. Then turn to other side. Sandwich is done when cheese melts and both sides of bread are browned. Serves one.

Linda Kramer
Age 9
Reinholds

xxx

Sweet Cream Cake

1 1-3 cup sugar
3 eggs
2 1-3 cups flour
3 teaspoon baking powder
1 teaspoon salt
1 1-3 cup cream
1½ teaspoon vanilla

Beat eggs five minutes, add sugar and stir till light and fluffy. Sift flour, baking powder, salt together. Add cream and vanilla. Take two nine inch pans, grease and flour them. Bake at 350 degrees for 25-30 minutes.

Sandra Horst
Age 11
Ephrata

Holsteins Complete Butterfat Record

Official production records exceeding a half ton of butterfat have been completed by two Registered Holstein cows owned by Jefferson D. Yoder, Elverson, to rank among 4,300 similarly completed by Registered Holstein cows on official test.

Rocky-Side Apollo 6473616 (GP0, sired by Hilltop Apollo Ivanhoe 1399824 (VG), a bull that has earned Gold Medal Sire recognition, completed her first 1,000 lbs. butterfat record by producing 27,413 lbs. of milk and 1,072 lbs. of butterfat in 365 days starting at the age of 7 years 4 months.

Starting her first 1,000 lbs. butterfat lactation at the age of 5 years 4 months, Rocky-Side Fond Hope 6926889 (VG), produced 24,197 lbs. of milk and 1,011 lbs. of butterfat in 365 days. "Hope" was sired by Rocky-Side Fond 1512135.

Both 1,000 lb. producers were bred in the Yoder herd and milked twice daily.

Pennsylvania State University supervised the weighing and sample testing of their production in cooperation with the Dairy Herd Improvement Registry program of the Holstein-Friesian Association of America.

Thomasville 4-H Club

The Thomasville 4-H Club met on August 28 at the home of Mr. & Mrs. Harris Horn, R.D.2, Dover, Pa. Roll call was answered by what the member exhibited at York County Roundup and the ribbon that was received.

Tommy Welsh reported that 19 club members participated in the 4-H Olympics. The club won second place in the silver division. Jack Parr reported on the County Council Convention. Two members of the club were elected - Jeff Roth - President, and Tim Eisenhart - Treasurer.

Christine Kulynych told about the club's exhibit at Pantry Pride in the Queensgate Plaza. The title of the exhibit is "Treasurers of Pennsylvania 4-H'ers."

On September 12 at the York Fair, county demonstration winners Jeff Roth, Christine Kulynych, Jonathan Myers, Paul Myers, and Tommy Welsh will be giving their demonstrations from 5 to 9 p.m.

The 4-H cookie sale will be held September 27 to November 15. Co-chairman for the club will be Tim Eisenhart and Christine Kulynych.

The next meeting will be a talent show on September 24 at the 4-H Center. There will be an election of officers at this meeting.

The members and their families enjoyed eating watermelon after the meeting.

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And, for a smooth, clean cutting board, rub the surface with fine sandpaper occasionally to remove knife mark ridges where bacteria can grow

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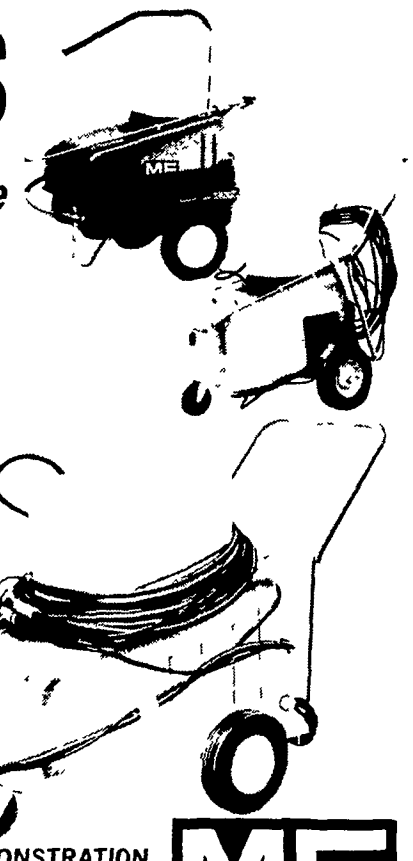

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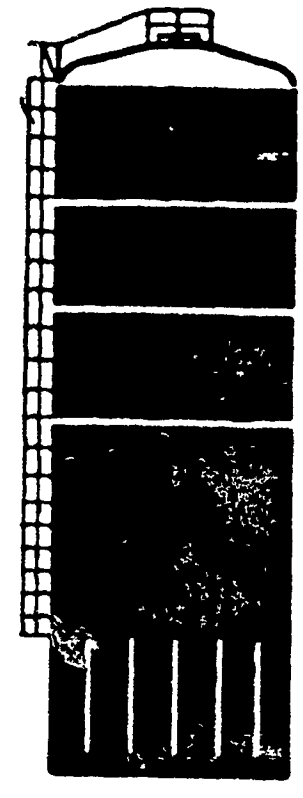


Southeast Pa. Dairy Show Winners

The 29th Annual Southeast District 4-H Dairy Show was held recently at the Allentown Fairgrounds, Allentown, Pennsylvania. 190 animals were exhibited by 160 4-H Club members from 9 Southeastern Pennsylvania counties including Berks, Bucks, Chester, Lackawanna, Lehigh, Monroe, Montgomery, Northampton, and Schuylkill. Included in the animals exhibited were 92 Holsteins, 24 Brown Swiss, 13 Milking Shorthorn, 31 Jerseys, 11 Ayrshires, and 19 Guernseys.

Judges for the show were Harry Roth, Atlantic Breeders Cooperative, from Lancaster, Pennsylvania for Holsteins, and Samuel J. Diehl, Ayrshire Breeder, from Bedford, Pennsylvania for Ayrshires, Milking Shorthorn, Brown Swiss, Jerseys and Guernseys.

During the course of the show, exhibitors who did an outstanding job of fitting and showing their animals were given Master Fitter or Master Showman awards. No champions were selected in these categories. Judges for these fitting and showman awards were John Smith, County Agent, York County; Dr. James McCaffrey, Delaware Valley College, Doylestown; and Paul Anderson, Penn State Dairy Specialist.

Glenn Shirk, Associate County Agent from Chester County and Show Manager, estimated that 400 spectators were present during the day. Shirk also noted that the blue ribbon animals in each class are eligible to compete in the Pennsylvania Junior Dairy Show which will be held Monday, September 23 at the Farm Show Building in Harrisburg. At this Junior Dairy Show the Southeast District winners will compete against winners from 6 other district shows in the state.

This event was sponsored by the Cooperative Extension Offices of the 9 counties and the Cooperative Extension Service of The Pennsylvania State University.

Ayrshire

Grand and senior champion - Sharon Henley, RD1, Cochranville reserve grand and reserve senior champion - Kennard Henley, RD1, Cochranville; junior champion - Kennard Henley, RD1, Cochranville; reserve junior champion - Kennard Henley, RD1, Cochranville.

Brown Swiss

Grand and Senior Champion - Dean L. Daubert, Pine Grove; Reserve grand champion and reserve senior champion - Donna L. Hoffman, RD1, Bernville. Reserve junior champion - Dennis L. Daubert, Pine Grove; reserve junior champion - Scott A. Hauseman, RD1, Oley. County groups: 1 - Schuylkill, 2 - Berks and 3 - Lehigh.

Guernsey

Grand Champion and junior champion - Jeffrey Staner, 3424 Grubb's Mill Road, Berwyn; reserve grand and junior champion - Denise K. Andrien, 1562 Shadyside RD., West Chester; senior champion - Ryan A. Kahler, Pitman; reserve senior champion - Douglas Soliday, RD1, Bethel. County groups 1 - Chester, 2 - Berks.

Holstein

Grand Champion and senior champion - W. Douglas Seipt, RD4, Easton; reserve grand and senior champion - Susan Seidel, Walnut St., Richland; reserve junior champion - Ruth Schuker, RD3, Fleetwood; junior champion Carol Gruver, Pipersville. County groups - 1 - Berks, 2 - Chester - 3 Northampton.

Jersey

Grand champion and senior champion - Craig A. Rhein, RD2, Pine Grove; reserve and reserve senior champion - Terry Lee Rhein, RD2, Pine Grove; junior champion William Reynolds, RD1, Oxford; reserve junior champion - Elizabeth Wollaston, Toughkenamon. County groups - 1 Schuylkill 2 - Chester, 3y1 Montgomery.

Milking Shorthorn

Grand and senior champion - Samuel E. Yoder, Shoemakersville; reserve and junior champion - Wendy Z. Yoder, Shoemakersville; reserve junior champion - Frederick Yoder, Shoemakersville; reserve senior champion - Samuel Yoder, Shoemakersville. County groups 1 - Berks.

NY-NJ Dairymen Get Paid $7.66 For July's Milk

A uniform farm price of $7.66 per hundred weight (46.5 quarts) for July milk deliveries to pool handlers under the New York - New Jersey marketing orders was announced today by Thomas A. Wilson, market administrator. The uniform price was $7.37 in June 1974 and $6.89 in July 1973.

The butterfat differential for July milk testing higher or lower than 3.5 percent was 7.0 cents for each tenth of a pound of fat.

According to Wilson, receipts from producers totaled 826,873,893 pounds, an increases of 44,527,361 pounds. Receipts of fluid (Class I) milk, for which handlers paid $9.33 per hundredweight, dropped 7,216,968 pounds, or 1.9 percent to 381,365,717 pounds.

Receipts at bulk tank units increased 61,701,710 pounds to 782,359,879, he noted, while the percent in the pool rose from 92.1 in July 1973 to 94.6 in July 1974. A total of 434,596,700 pounds, 55.5 percent of this milk was used as Class II and subject to the transportation credit, which amounted to $434,596.79.

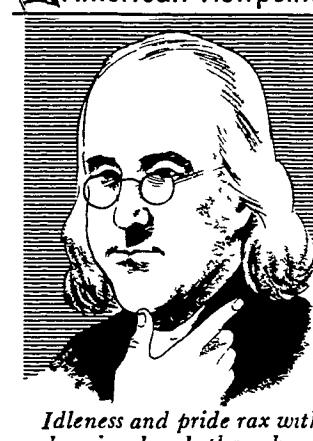
The number of tank producers was up by 92 to 19,076 though the total number of producers in the pool fell by 914 to 21,232, Mr. Wilson commented. Average daily deliveries per producer underwent a gain of 116 pounds to 1,256 pounds.

An increase of 2 to 121 was recorded in the number of handlers' reports used to compute the pool. There were 4 fewer bulk tank units, a total of 216.

July deliveries had a gross value of $63,493,405.94. Mr. Wilson said that this included differentials required to be paid to dairy farmers, but not voluntary premiums or deductions authorized by the farmer.

All prices quoted are for milk of 3.5 percent butterfat received within the 201-210 mile zone from New York City.

American Viewpoints



Idleness and pride rax with a heavier hand than kings and parliamentd If ue get rid of the former, we may easily bear the latter
—Benjamin Franklin

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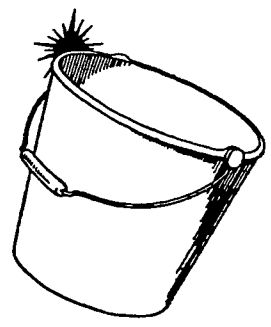

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USDA Announces Farm Programs

Secretary of Agriculture Earl L. Butz today said that the 1975 feed grain, wheat, and upland cotton programs will have no set-side requirement, and will provide farmers decision-making freedom to produce for the marketplace. He stressed there will be no land removed from agricultural production under these government programs.

As the department stated when announcing the 1974 programs, there will be no conserving base requirement for the duration of the Agriculture and Consumer Protection Act of 1973 (through the 1977 crop year). Now will the provision be implemented during the life of the 1973 Act which gives the Secretary discretionary authority to limit feed grain and wheat to a percentage of allotments and upland cotton planted in excess of the base allotment.

The Secretary pointed out that the allotments under programs authorized under the 1973 farm bill do not represent a limit on acreage, but are computed only for the purpose of payments to producers should such payments be required. Generally, the allotments for wheat and feed grains represent the number of acres harvested of wheat, corn, grain sorghum and barley based on the estimated national average yield which would result in production equal to estimated domestic and export disappearance in the 1975-76 marketing year.

Also as in 1974, the producers may substitute any non-conserving crop or any conserving crop used for hay or for grazing in order to preserve their wheat, feed grain or cotton allotments and to make them eligible for any payments under the target price feature. Crops for which a marketing quota is in effect are excluded.

Because of the market-oriented nature of these programs, producers will be studying prices rather than allotment acreages, Secretary Butz said. The price incentive should result in full plantings and with normal weather conditions should enable the U.S. to not only fulfill domestic and export requirements but to build up much needed stocks as well, he said.

Secretary Butz said today's announcement will provide farmers with the information they need to make their 1975 crop planting decisions. Additional program provisions will be announced after the department has had an opportunity to make a better determination of 1974 production, he said.

US Technical Teams to USSR

The U. S. Department of Agriculture today outlined two exchange projects now being undertaken in the Soviet Union – one by a group of U. S. forecasting specialists and the other by a team of spring wheat specialists. Both efforts are part of a continuing cooperative program between the two nations.

The forecasting team began work in Moscow yesterday. It will travel in the Ukraine and in Kazakhstan before leaving the USSR on Sept. 20. Its purpose is to study methods of crop forecasting, data collection, and economic analysis.

The spring wheat team will be in the Soviet Union from Aug. 25 to Sept. 14. It will study the progress of the Soviet spring wheat crop and discuss methodology of crop estimation with counterparts at the USSR Ministry of Agriculture and in the field. The team will visit principal spring wheat growing areas east of the Ural Mountains.

Both studies are activities under the June 19, 1973, U. S.-USSR Agreement on Cooperation in the Field of Agriculture and are part of a project on exchange of economic data developed within the framework of the Agreement by the U. S.-USSR Joint Working Group on Agricultural Economic Research and Information.

Members of the forecasting team are Philip L. Mackie, Deputy Assistant Administrator, Foreign Commodity Analysis, Foreign Agricultural Service; Fletcher Pope, Soviet Union Program Area, and James Naive, Grains Program Area Leader, Economic Research Service; and Bruce Graham, Deputy Administrator of the Statistical Reporting Service and Chairman of the Crop Reporting Board.

Members of the spring wheat team are Keith Severin, Agricultural Economist, Grain and Feed Division, FAS; Arthur F. Shaw, Extension Agronomist, Montana State University, Bozeman; and Hugh J. McDonald, Extension Marketing Economist, North Dakota State University, Fargo.

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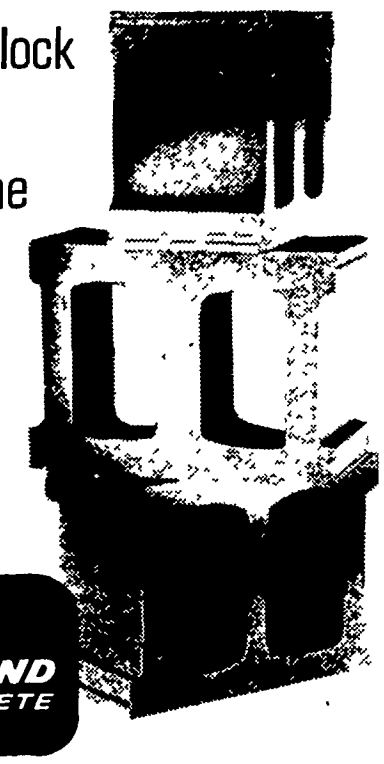

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Buck Tractor Pull Results, Aug. 23-24

Following is a list of winners at Lancaster County's Buck Tractor Pull track on August 23 and 24. The top four competitors in each class are listed, along with their tractors and the distance pulled. All are from Pennsylvania unless other wise indicated.

7000-lb. Farm Class

1 - Larry Frey, Washington Boro, JD-G, 277.11; 2 - Craig Frey, Conestoga, 560 Diesel, 262.6; 3 - Roger Frey, Conestoga, Farmall M, 252.2; 4 - Chester Eckman, Peach Bottom, 400 Farmall, 248.3.

9000-lb. Farm Class

1 - Herb Frey, Marietta, JD 4010, 223.8; 2 - Dave Herr, Lancaster, 806 Farmall, 215.5; 3 - Ed Harnish, Christiana, Case, 870, 200.9; 4 - Glen Sauder, Manheim, JD3020, 191.10.

12,000-lb. Farm Class (Aug. 23)

1 - Paul Kreider, Palmyra, IH 856, 214.1; 2 - J. Robert Nyre, Womelsdorf, 1150 MF, 208.3; 3 - Ed Harnish, Christiana, Case 870, 206.0; 4 - Donald Vaughn, Delta, JD 4020, 197.8.

12,000-lb. Farm Class (Aug. 24)

1 - Tom Bedgar, Freeland, Md., JD 4430, 285.6; 2 - Harold B. Frey, Marietta, JD 4320, 272.8; 3 - Andy Myers, Dallastown, AC 190, 243.6; 4 - John Risser, Hershey, Ford 8000, 242.2.

15,000-lb. Farm Class

1 - Tom Bedgar, Freeland, Md., JD 4430, 200.0; 2 - Harold Frey, Marietta, JD 4320, 175.1; 3 - Bob Shore, Washington Boro, Case 1370, 167.1; 4 - Tim Robinson, Winsor, IH 1066.

7000-lb. Super Stock

1 - Leonard Thomas (Clarence Laggett, driver), Boonsboro, Md., JD 4020, 280.3; 2 - Tim Stauffer, Ephrata, 9006 Deutz, 240.0; 3 - Marlin Brubaker, Quarryville, AC D-21, 195.8; 4 - Elvin Arment, Ephrata, 5006 Deutz, 180.6.

9000-lb. Super Stock

1 - Donald Thomas, Boonsboro, Md., JD 4020, 300.0; 2 - Ed Horman, Frederick, Md., Int. 1466, 291.0; 3 - Leonard Thomas, Boonsboro, Md., JD 4020, 289.7; 4 - Marlin Brubaker, Quarryville, Pa., AD D-21, 250.3.

12,000-lb. Super Stock

1 - Donald Thomas (Craig Leggett, driver), Boonsboro, Md., JD 4020, 242.9; 2 - Ed Horman, Frederick, Md., IH 1466, 238.3; 3 - Leonard Thomas (Craig Leggett, driver), Boonsboro, Md., JD 4020, 217.10; 4 - Alvin Martin, Akron, AC D-21, 214.1.

7000-lb. Modified

1 - David Becker, Mt. Joy, Farmall M, 300.0; 2 - Glenn Darnell, Laytonsville, Md., Farmall M, 296.4; 3 - Lester Landis, Lititz, 55 Massey, 276.9; 4 - Clifton Budd, Brookville, Md., F-30 w-427 Chevy, 268.6.

9000-lb. Modified

1 - Richard Zimmerman, Elizabethtown, 2-440 Dodge, 259.3; 2 - Lester Landis, Lititz, 55 Massey, 242.11; 3 - David Becker, Mt. Joy, Farmall M, 225.10; 4 - Clifton Budd, Laytonsville, Md., Farmall M, 211.6.

500-lb. Open

1 - Keener Pulling Team, Manheim, F-20 w-430 Lincoln, FP-161.8; Dale Smoker, Cochranville, AD D-21, FP-142.2; 3 - Dale Crouse, Philipsville, N.J., Farmall H, FP-140.4; 4 - Elwood Flowers, Manheim, Farmall M, FP-133.6.

7000-lb. Open

1 - Richard Zimmerman, Elizabethtown, 2-440 Dodge, 292.0; 2 - Lester Landis, Lititz, Massey 55, 281.5; 3 - David Becker, Mt. Joy, Farmall M, 262.5; 4 - Leonard Thomas, Boonsboro, Md., JD 4020, 234.3.

9000-lb. Open

1 - David Becker, Mt. Joy, Farmall M, 296.3; 2 - Lester Landis, Lititz, 55 Massey, 287.0; 3 - Glenn Darnell, Laytonsville, Md., Farmall M, 277.8; 4 - Ed Horman, Frederick, Md., IH 1466, 265.10.

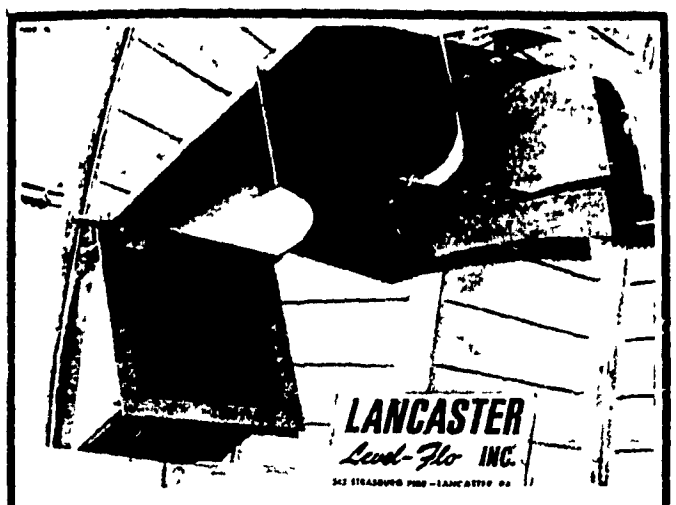
Growing Degree Days

For week ending September 2

In Lancaster the average temperature for the week was 78 degrees or 8 degrees over the average.

Growing degree days for crops starting at 40 degrees totaled 4071 or 97 over the average. For crops beginning at 50 degrees the days totaled 2577 or 73 days over the average.

Rainfall for the week was 1.15 inches and measured from April 1:22.06 inches or .55 inches over the normal.



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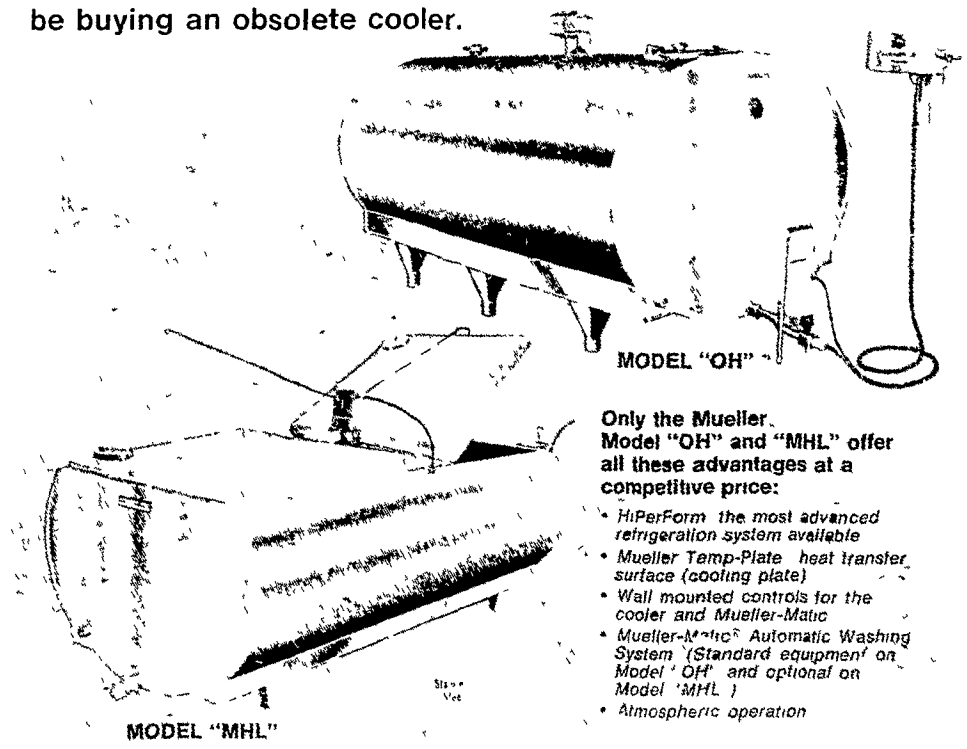
If you are in the market for a bulk milk cooler and you don't check all the advantages of the Mueller Models "OH" and "MHL," you may be buying an obsolete cooler.



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425 gal Esco
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200 gal M S
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Doctor in the Kitchen®

by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

Back To School

So summer is just about over, the kids are back in school, and while we don't like to admit it, it's possible that some children are eating better than they did at home.

If this is so, it is for one of two reasons: Either the child's family cannot afford sufficient food, or ignorance--nutritional ignorance--is depriving that family of adequate meals. Such ignorance can and does exist at all economic levels—so it's not always just a matter of money.

The Value of School Lunch

But is your child is in a school that serves school lunch you have a lot going for you. And in recent years great effort has been made to extend the school lunch program to schools that do not have facilities for preparing lunches. Even breakfast programs have been put in operation.

More and more schools are being served. Airline-style, pre-prepared meals are brought in. And school feeding programs increasingly provide that children receive meals without discrimination when they cannot afford to pay for them.

A bonus on school breakfast and school lunch programs is that besides giving the child a healthful meal, the programs are a practical demonstration for the pupil of the foods that make up a good meal.

When this experience is coupled with modern nutrition education in the classroom there is promise that we are raising a generation of Americans who will know how to eat more wisely than their parents.

Nutrition is increasingly being taught in the schools in a manner to excite real interest and create motivation. It used to be a sort of dull subject, full of "this-is-good-for-you" stuff. Not today. Nutrition is now taught in special units of study that are fun, relevant, and that lead to including nutrition in the teaching of mathematics, geography, social studies and particularly in helping children arrive at values that will guide them throughout their lives.

Taking Lunch To School

If you or your children prefer, for one reason or another, that they take their lunch to school, it isn't difficult to give them a balanced meal. The four-food-group formula will do it. A sandwich or two can easily provide your child with meat, cheese, or, say, egg salad and that will give him the meat and breads and cereals groups.

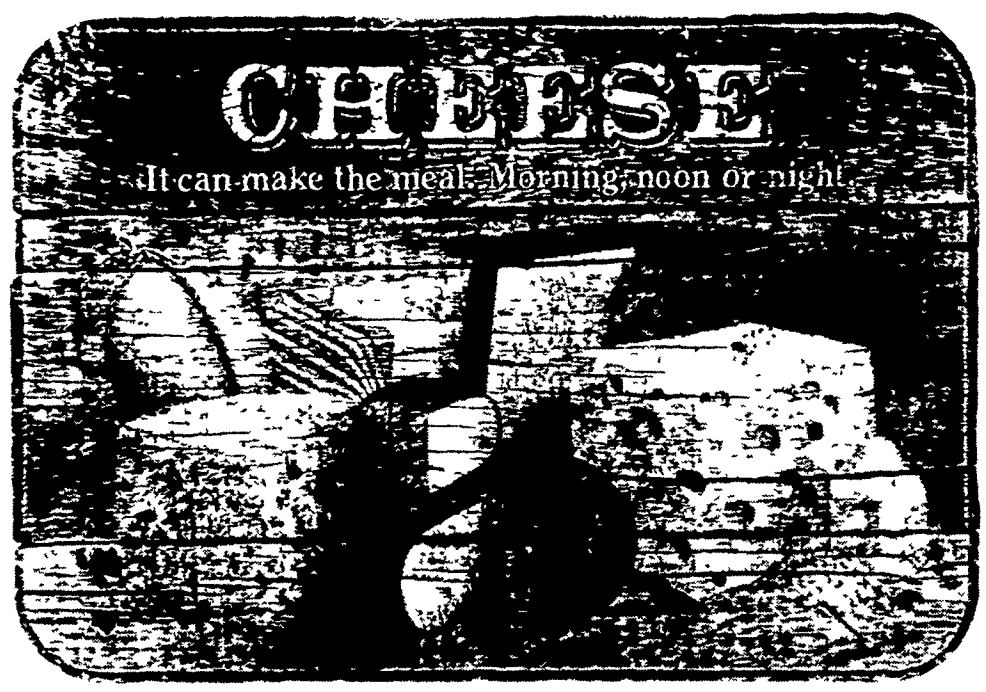
To help complete the meal, give your child some kind of fruit, and-or celery or carrot sticks, or vegetable soup in a thermos. If your girls want to get fancy, make a small salad and put it in a plastic container. Then have your children buy milk at school.

Routine Dryer Care

Routine care for efficient operation of a dryer requires the cleaning of the lint screen after each load. Build-up of lint on the screen cuts down on the air flow through the dryer and lengthens drying time.

To remove spots from starched or tinted articles, from the dryer drum, wipe with a cloth moistened in a dilute solution of chlorine bleach and wipe with one moistened in plain water.

If the dryer is used to dry unlaundered clothing such as children's snow pants between outings, wipe the drum with a sudsy sponge or cloth and wipe with a clean one to remove any dirt before clean laundry is put into the machine. Wipe door and opening occasionally.



"Fall for Cheese" is the selling theme of the autumn promotion of the American Dairy Association. Cheese, promoted as the anytime meal-maker, will be featured in more than 18,000 stores throughout the country. "Cheese Magic", the 4-color 16-page fall recipe booklet, may be purchased for 25 cents each from the American Dairy Association, 6300 North River Road, Rosemont, Illinois 60018.

THE NEW HIGH YIELDING WHEAT

ABE

A new variety released from Purdue's Internationally Famous Wheat Breeding Team.
- Good Disease and Hessian fly resistance
- Stands well and a very good yielder

Growers report up to 68 bushels per acre. Order while the supply lasts.

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Mount Joy, Pa. 717—653-4121
Since 1925

If you could see the amino acids in a hog ration

...YOU'D FEED PURINA

Baby Pig Chow® is amino acid balanced to furnish the nutritional requirements at this critical age.

The beads represent the amino acids that are so essential to a baby pig You can't see the amino acids in a ration, but if you could, it would be very apparent how much variance there is in amino acid balance between different brands of feed The shortage of any essential amino acid can greatly reduce performance.

The baby pig requires an amino acid balance totally different than it will when it is older As the sow's milk supply begins to dwindle, the baby pig's nutritional requirement is increasing rapidly The fact that the small pig's tiny stomach can only hold a small amount of feed further complicates the situation

Intensive research at the Purina Research farm determined the baby pig's amino acid requirements The information gathered from the research has been used to formulate Baby Pig Chow with its special fortification and amino acid balance

Baby Pig Chow even smells and tastes like sows' milk to entice the pig to eat. Open a bag of Baby Pig Chow in your farrowing house and place the open end near one of the pens Let the pigs show you how much they like it

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You Can Prevent Silo Gas Tragedy

Suffocating and, in some cases, poisonous gas may be present around silos. Suffocating gas from fermenting silage, mostly carbon dioxide, forms in all silos shortly after filling begins and continues until fermentation stops. Poisonous gas when present is nitrogen dioxide. Its color and density vary with its temperature. At room temperature it is orange yellow and 2½ times as heavy as air. As the temperature rises its color becomes darker and its density becomes lighter. The gas, being heavier than air, collects and remains in any depression or enclosed space when there is not a strong, free movement of air.

Many lives have been lost because of carelessness in entering a silo where ther may be danger of gas. Gas is a particular hazard in the belowground silo. The aboveground silo, while not free from gas danger, offers better ventilation through its doors, and large quantities of gas seldom accumulate unless the doors are put in too far above the silage level.

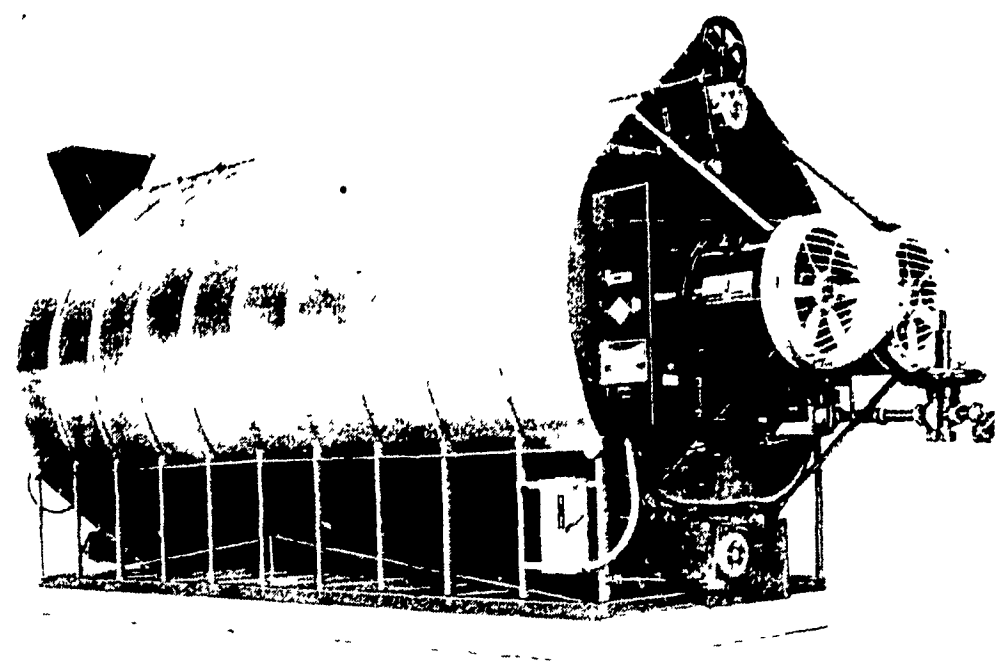
During and immediately after the filling period, run the blower on the silage cutter several minutes before anyone enters the silo. In a deep pit or in any silo into which the distributor pipe does not extend far enough to agitate the air thoroughly, observe carefully to sight any yellowish-orange gas or discoloration that might indicate nitrogen dioxide gas.

You can make an easy test for nitrogen with starch-iodide paper, which turns blue in the presence of nitrogenous compounds. If the paper turns blue when you lower it to the bottom of the silo, stir the air to disperse the gas. You can usually obtain starch-iodide paper from drug stores or chemical supply houses.

To test the air for carbon dioxide, lower a lighted lantern to the bottom. If the lantern continues to burn, it is safe to enter the silo. If the lantern goes out, do not enter until the air has been stirred to dilute the gas. To stir the air, tie to a rope some object such as a basket, a blanket, a large piece of canvas, or a tree branch, and drop it into the silo and raise it a number of times.

Nitrogen dioxide gas, when breathed in sufficient quantities, causes coughing, a choking sensation, and a feeling of extreme weakness. Later the victim may show symptoms similar to pneumonia. If you suspect the presence of nitrogen dioxide and feel any illness, consult a doctor. Danger of nitrogen dioxide gas occurs only during filling and for about a week after.

A victim of carbon dioxide gas suffers from lack of oxygen. Move him into fresh air as soon as possible and apply artificial respiration. Before a rescuer enters the silo, tie a rope securely to him in case it may be necessary to pull him out. Send for a physician, but in the meantime do not relax efforts to restore breathing by methods given in your first aid guide.



What's New

New Dynamill Model C-100, manufactured by Portable Mills, Inc. of Terre Hill, Pa., provides custom operators faster on-the-farm processing of hog, poultry, horse, beef, and dairy feeds.

With this new unit, the operator can pull alongside the customer's grain bin, quickly hook-up Dynamill's flexible-steel suction hose, unload what's needed, then chop, grind, mix and bag. Each mobile mill is designed to operator's specifications and available with a wide variety of custom options including pneumatic bulk loader, machined air-lock feed discharge, a unique crank-type bagger slide, and in-cab push-button table controls.

Powered by a 125 H.P. GM Industrial diesel, the unit features a 24 reversible-hammer grinding mill with variable gauge screens, continuous flow, twin-auger blender, exclusive quick-change belt design, and a heated molasses system with automatic metering.

For more information write: Portable Mills, Inc., 419 E. Main Street, Terre Hill, Pennsylvania 17581.

IFYE Night Scheduled

For the next few weeks Lancaster County will be hosting Sadettin Unsal, County Agent from Turkey as an International Farm Youth Exchange guest.

An IFYE committee has planned an evening to get acquainted with Mr. Unsal on Monday evening, September 9th, 7:30 p.m. at the Farm and Home Center. The program will include a dessert buffet and each family attending is asked to bring along a favorite dessert dish. Beverages will be provided.

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ORANGE	1 00 PM	September 24	900 Head
CHARLOTTSVILLE	1 00 PM	September 25	1400 Head
CULPEPER*	1 00 PM	September 26	1200 Head
*Includes Rappanhannock County Calves			
MARSHALL	7 00 PM	September 26	1200 Head
STAUNTON	1 00 PM	September 27	1100 Head

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For Further Information Contact:
ROY HELTZEL,
COUNTY EXTENSION AGENT
Culpeper, Virginia
Telephone Culpeper Area 703/825-2233

SPECIAL FALL FEEDER SALES
Friday Evenings At 7:00
September 13 and 27
October 11 and 25
All-Charolais Show & Sale October 18
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KENNETH E. HERSHEY, MANAGER

2ND PENNSYLVANIA CHESTER WHITE INVITATIONAL
Show & Sale
Friday, September 20, 1974
Show Time 5:00 P.M.
Sale Time 7:30 P.M.

Place — Lancaster Stock Yards Feeder Pig Barn.

Quality Boars, Open Gilts, Weanling Barrows and Gilts and Bred Gilts

For Sale Catalogs write:
Charles E. Griest
R.D.1 Abbottstown, Pa.
Phone Evenings 717-624-8421

Terms — Cash or good checks
Auctioneer - Charles L. Wehrly

PUBLIC AUCTION
Fresh or Springing Heifer Sale
THURSDAY, SEPTEMBER 12, 1974
At 7:30 P.M.
To be held at Sechrist Sales Co. Livestock Auction near New Park, Pa.

FRESH and SPRINGING HOLSTEIN HEIFERS

Approx 50 head of mostly top grades, a few registered All from artificial breeding. These heifers are of very good size, good breeding such as Milk & Honey, Ivanhoe, Performer, Lucifer & others Also a purebred service age holstein bull

All heifers are eligible for interstate shipment and will have health charts Don't miss this fine heifer sale for good herd replacements

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Sechrist Sales Co., Inc.
Sales Managers

Robert L. Sechrist, Auctioneer
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DAIRY COW SALE

Herd of 65 Cows from Fulton County sold at Belleville Livestock Market, Belleville Pa

WEDNESDAY, SEPTEMBER 11, 1974

1 P.M.

Outstanding Herd of cows - lot of quality. The kind that pay the bills.

PARK MYERS, Owner

September Food Guide

As of mid-August, the supply situation in September is expected to look like this . . .

Red Meats

Beef supplies will be moderately above September 1973. But all of the gain will come from grass-fed cattle, which will move to market in larger volume. Supplies of grain-fed beef will approximate the low level of September 1973.

Pork production should exceed year-earlier rates, but run below the 1970-72 average. Hog slaughter rates should be starting their seasonal increase.

Poultry & Eggs

Egg output should be slightly below September 1973 and about 4 percent under the 1971-73. average.

Broiler-fryers should be down 2 percent to 4 percent from last September and 4 percent to 6 percent below the 1971-73 average.

Turkey new-crop marketings should be about 2 percent below September 1973 and about 9 percent under the 1971-73 average. Cold storage holdings remain at record levels - one-third more than the most recent 3-year average.

Milk & Dairy Products

Fluid milk, butter, cheese, and nonfat dry milk supplies should be adequate. Although milk production continues to decline seasonally, commercial stocks of the three manufactured items remain above levels of a year ago and the 1971-73 average.

Fruits, Vegetables, & Nuts

Bartlett pear supplies will be ample, with output from California, Oregon, and Washington nearly equal to the 1971-73 average but 6 percent under 1973.

Prune and plum production in Michigan, Idaho, Washington, and Oregon should be about 10 percent less than last year and 5 percent below the 1971-73 average.

California grape supplies will be ample. Production is slightly less than a year ago, but 17 percent more than the 1971-73 average.

Apples will be ample as the late summer-fall harvest gets underway. The 1974 crop will be slightly under last year's, but about equal the 1971-73 average.

Canned non-citrus fruits will continue tight, but citrus juices will be plentiful. At the end of July, Florida frozen concentrated orange juice stocks were 20 percent larger than 1973's abundant supply.

Dried prunes remain ample. This year's production is expected to run 24 percent less than last year, but be greater than the latest 3-year average.

Raisin supplies will be moderate, due mainly to 1973-crop inventories. That crop was 32 percent above the 1970-72 average.

Fresh vegetables will be ample and canned vegetables generally adequate. Stocks of most processed tomato products may be heavy.

Frozen vegetables will be in good supply. July 1 stocks were 34 percent above 1973 and 22 percent ahead of the 1971-73 average.

Potato supplies are increasing seasonally. The 1974 summer crop is 11 percent above 1973, and more fall-crop acreage--7 percent over 1973--should boost fall production. July 1 frozen potato stocks were 5 percent above 1973, but 14 percent below the 1971-73 average.

Walnuts will be abundant. Production in 1974 should be about 19 percent less than the large 1973 crop but about equal to the 1971-73 average.

Almond supplies will be more than adequate, since 1974 production is expected to be much larger than both the 1973 and the 1971-73 averages.

Peanuts remain ample. Production in 1974 is expected to be slightly under last year's record crop but larger than the 1971-73 average.

GRAINS & LEGUMES

Dry bean supplies should be ample, with expected record output 24 percent above last year and the 1971-73 average. Dry peas and lentils should be ample, with dry peas nearly doubling last year's crop and totaling 28 percent more than the most recent 3-year average. A larger than average lentil crop is expected.

Rice supplies are expected to be fully adequate. A record crop is forecast--15 percent above a year ago and 22 percent above the latest 3-year average.

Wheat will be tight but adequate for U. S. needs. The new crop, mostly harvested, is pegged at a record--8 percent above 1973 and 13 percent over the 1971-73 average.

Corn for food should be adequate even though the corn crop is forecast at 12 percent below a year ago and the 1971-73 average.

Pa. Timothy Seed Harvest Rises 17 pct.

Production of timothy seed in Pennsylvania is expected to total 945,000 pounds of clean seed, according to the Crop Reporting Service. This forecast is 17 percent more than last year's production. The increase is because of more acreage harvested – 9,000 acres this year, compared with 7,000 last year. Yield per acre harvested is expected to be 105 pounds this year, compared with 115 pounds last year.

Nationally, production of timothy seed in 1974 is forecast at 23.0 million pounds. This is 4 percent less than last year's revised estimate of 23.9 million, but 10 percent more than the 20.9 million pounds produced in 1972. Acreage harvested for seed this year is estimated at 135,700 acres, 12 percent less than last year, but 22 percent above 1972. The national average yield of 169 pounds per acre compared with 156 pounds the previous year and 189 pounds per acre two years ago.

PUBLIC SALE

43 Hi-Grade Holstein Dairy Cattle
Dairy Equipment, etc.

On the farm 6 miles East of Berwick, just off Berwick-Hazleton Rt. 93 Highway (Luzerne Co.)

THURS. NIGHT, SEPT. 12, 1974
7:45 P.M.

32 Cows, 6 Fresh in the last 3 months, several Jan. and Feb., etc. with size, condition and show milk. Some producing 70 to 80 lbs. Mostly 2nd and 3rd calf cows with 4 1st calf Heifers in this herd. NEBA Breeding, having good udders, not burned out, ready to work for you.

5 nice 18 mos. Bred Heifers due Feb., 6 open Heifers. Pregnancy Checked, 30 day T.B. and Bangs Tested.

400 Gal. Zero Vacuum Bulk Tank, excellent. 2 Dumping Stations. 3 Surge Units. SP-22 pump, etc.

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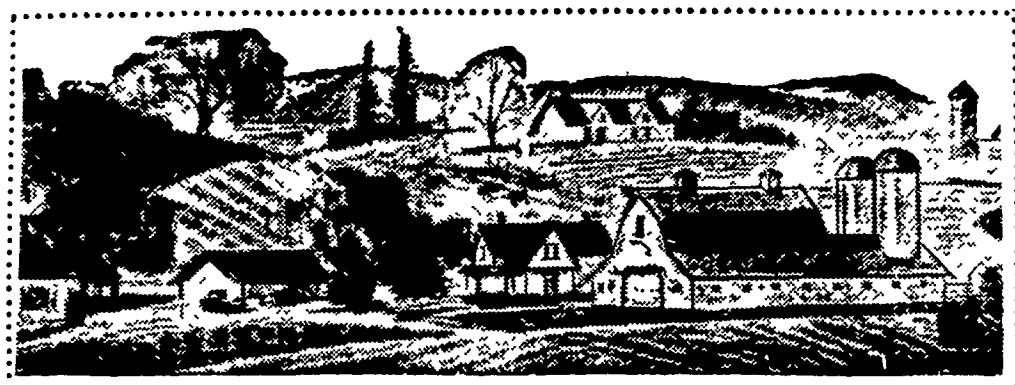
and Everett Kreider, Aucts.
Tent — Lunch



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RD2 East Earl, Pa.
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PUBLIC SALE
FARM EQUIPMENT

Located 4 miles West of Manheim, Lancaster County, Pa.; one mile West of East Fairview Brethren Church, on Valley Road, just off Hosler Road. Look for Sale Arrows.

Wednesday, September 18, 1974
10:00 A.M.

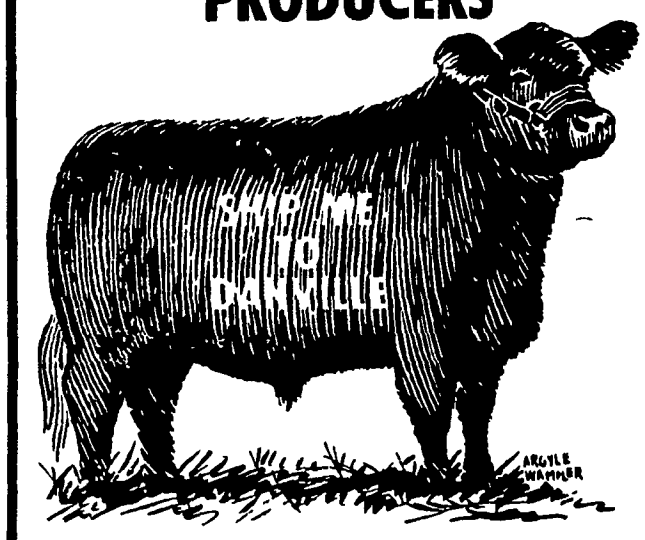
Specializing in Fall Harvesting Equipment

Anything sold on commission. FARMERS and DEALERS — Bring in your Equipment early. Open to receive goods Sept. 4 till sale day, 8 to 6. Saturdays 8-5.

Terms: Cash Lunch available
CLOSED SUNDAYS.

For Information Contact
C. H. WOLGEMUTH, SALE MANAGER
Phone 665-5664 — Manheim, Pa.

ATTENTION
FEEDER CATTLE PRODUCERS



CONSIGN YOUR CATTLE
TO THE 9TH ANNUAL

DANVILLE FEEDER CATTLE SALE
OCT. 11, 1974 - 7 P.M.

DANVILLE LIVESTOCK MARKET -
OLD RT. 11 DANVILLE, PA.

A GRADED FEEDER CATTLE SALE — ONE OF PENNA. BETTER FEEDER SALES.

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Call Bob Houston (717) 784-6660
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GRAINS & TRAINS

The recent surge in farm exports put such a strain on railroad capacity that many shippers are wondering if the trains can meet their future needs. ERS takes a look at rural shipping problems.

Jack Smith in Plain's County, Nebraska, was more than a little upset. His grain harvest was in, but it had no place to go. The country elevator down the road couldn't handle any more grain until boxcars were dispatched to unload the jammed facility.

Joe White, the elevator manager, didn't feel much better. With record high grain prices and high interest rates on unmoved inventories, each day's delay in shipping cost him money—and restricted the cash flow to area farmers. Yet his unfilled orders for more boxcars had been backlogged for weeks.

Meanwhile, down the tracks in Gulfeporte, Louisiana, rail cars were arriving with grain faster than port elevators could unload their burgeoning stocks onto grain ships bound for the Black Sea.

Freight cars were stacking up in holding patterns reminiscent of a busy airport suddenly overwhelmed by a groundswell of thick fog. And until the cars were relieved of their cargoes, they could not make the return trip north to pick up more grain.

Rural doubts. An extreme situation? Maybe, but scenarios like this one were all too familiar to grain producers and shippers trying to meet sales commitments during the recent boom in agricultural exports.

Moving goods in rural areas has always had its problems, but a preliminary ERS study report on rural transportation suggests that shipping snags may have reached the crisis stage.

Rural users are seriously questioning the ability of the grain marketing and transportation system to meet their needs. They see inadequate and costly transportation as a possible constraint on future increases in production and sales.

While ultimate solutions to rural shipping hangups are still being debated among transportation planners, for now the practical answers seem to lie in increasing the operating efficiency of the existing network. And railroads are the backbone of the grain transportation system.

Troubled railroads. The railroads, however, are a financially beleaguered industry. Even though traffic volume set records last year and freight rates were up, many lines have continued to fall into serious disrepair and financial insolvency. Several have declared bankruptcy.

Reorganization of faltering rail lines has been enacted as a remedy for deteriorating profits—and service—but many rural communities are concerned about the potential economic effects of rail abandonments, which would undoubtedly be part of any reorganization plan.

Many unprofitable branch lines have been abandoned by the railroads in past years, and frequently these lightly-traveled lines were located in rural areas.

Looking at agriculture in aggregate, ERS economists feel that so far, abandonments have not seriously reduced important rail segments serving agricultural users.

Adverse effects. Some local communities may have been adversely affected if they had no ready recourse to other modes of transportation. But in many cases rural businesses had already turned to other modes while the rail lines were still operating.

A major difficulty for many country elevators and shippers is a shortage of freight cars when rural shipments step up. Car shortages became critical in some areas last year when export movements gained momentum.

While the car supply problem is usually thought of as an inadequate fleet, some economists believe that at least for the grains, it could be as readily alleviated by improving car utilization as by expanding the number of cars.

Steps have been taken in this direction, and the railroads say the car supply outlook for this year's grain harvest is the brightest in almost 2 years. ERS economists expect only normal shortages through the wheat harvest.

Car supplies up. According to the Association of American Railroads, car shortages to agricultural shippers, reflected in backlogs of unfilled orders, have dropped sharply since last February. Also, additional covered hopper cars are now joining the grain car fleet at a rate of more than 1,500 a month. The railroads say this rate is likely to increase during the last part of the year when grain shipments are heaviest.

Since mid-1972, the covered hopper fleet has jumped from 181,500 to 209,000 cars. With a capacity of up to 100 tons, these large cars now move nearly 70 percent of all rail-hauled grains.

Not only do they carry an average of 3,000 bushels compared with 2,000 for the general purpose boxcar once used in most grain shipments, but they can also be loaded and unloaded much faster.

Covered hoppers are representative of the trend toward larger average capacities for all freight cars—which has helped to offset their declining numbers in recent years.

Load restrictions. However, there's a hitch to switching over completely to the jumbo cars. In some areas, shippers and country elevators still require the smaller boxcar because they are located on branch lines that can't support large hoppers.

And in times of peak demand, there often haven't been enough boxcars to meet the needs of all the lines with load restrictions. From 1960 to 1972, the number of boxcars declined by nearly half—about 309,000 cars—by far the greatest decrease for any type of car.

However, the railroads note that backlogged shipper orders for general purpose boxcars have also been dramatically reduced this spring, and their supply situation has been further improved by the increasing use of larger cars wherever possible.

Future boxcar supplies would also benefit from a proposal to set up a free-running nationwide pool of box-

[Continued on Page 56]

THE WESTERN KENTUCKY TOWN OF FULTON WENT "BANANAS" AGAIN THIS YEAR WITH THE 12TH ANNUAL INTERNATIONAL BANANA FESTIVAL—PARADES, PRINCESS PAGEANT, SQUARE DANCES, AND ONE-TON BANANA PUDDING. TOWN EARNED BANANA CAPITAL TITLE YEARS AGO. BANANAS FOR NORTHERN MARKETS WERE PACKED IN ICE AT NEW ORLEANS FOR RAIL SHIPMENT—HAD TO BE RE-ICED AT FULTON TO COMPLETE JOURNEY.

ROANOKE
YEARLING STEER SALE

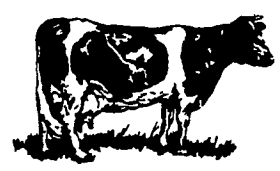
Thursday, Sept. 12, 1974
at 7:00 P.M.

1500 HEAD
500 lbs. & Up

State Sponsored and State Graded

For information contact:
Roanoke--Hollins Stock Yards
Box 7005, on US Route 11 north of Roanoke
Hollins, Virginia 24019
Joe Graham, Manager,
Phone: (703) 992-1112

COWS EVERY WEDNESDAY IS COWS



DAIRY DAY

AT NEW HOLLAND SALES STABLES, INC.
New Holland, Pa.

If you need 1 cow or a truck load, we have from 100 to 200 cows to sell every week at your price. Mostly fresh and close springing Holsteins.

Cows from local farmers and our regular shippers including Marvin Eshleman, Glenn Fite, Gordon Fritz, Blaine Hoffer, Dale Hostetter, Bill Lang, H D Matz, and Jerry Miller

SALE STARTS 12:30 SHARP

COWS COWS

WANTED

Home For
51 HEAD HOLSTEIN FEEDERS

average 740 lbs. each

Well grown - carrying good flesh - casterated - dehorned - implanted - wormed, ready to go
Make an offer

Call 717-448-2971
between 6 & 9 P.M.

J. MONAHAN,
Pleasant Mount,
Wayne Co., Pa.

DAIRY CATTLE SALE

Sale to be held at the ABERDEEN SALES CO. INC., Livestock Auction Market located on Md. Rt. 22 6 mi. West of Aberdeen, Md. and 6 mi. East of Bel Air, Md. in Churchville, Harford Co., Md. on

FRIDAY, SEPTEMBER 13, 1974
8:00 P.M.

50 HEAD OF TOP HOLSTEIN CATTLE

Mr. John Bell of Catlett, Va. will have 2 loads of top fresh and springing Holstein cows and heifers. All of these heifers are by artificial breeding and out of the top herds in Virginia.
Mr. Austin Riley of Fallston, Md. will have 1 load of fresh and close springing Holstein heifers to sell
In addition, we have several fine consignments from local farmers.
All cattle T.B. Accredited and Certified Bangs Free; tested within 30 days of sale for out of state shipment.

ABERDEEN SALES CO. INC.
Livestock Auction Mkt.
Kent R. Ferrell, Jr.
Auctioneer
Complete Sale Management

CONSIGNMENTS WELCOME
TRUCKING AVAILABLE
PRIVATE SALES DAILY
Phone: 301-734-6050
Night: 734-7105
734-7978

SPECIAL
DISPERSAL SALE

MONDAY, SEPT. 9, 7:30 P.M.

A complete Herd Dispersal of 89 Good Cows Certified herd with some Purebred and a lot of Fall cows Good herd replacement cows

GREEN DRAGON
LIVESTOCK SALES
RD3, Ephrata, Pa.

Phone: 717-733-2334 Walter Risser, Manager

PUBLIC AUCTION

For the Heirs of Jennie N. Gustafson, 333 acre farm, located on Quaker Neck Road, Route 289, just past the Chester River Yacht & Country Club, 2 miles South of Chestertown, Md

SATURDAY,
SEPTEMBER 14, 1974
At 1:00 P.M

REAL ESTATE:
333 ACRE DAIRY FARM

333 Acres with about 275 tillable Approx 6500 road frontage Improved by frame house 8 rooms & bath central H/W heat 28 stall dairy barn concrete paved area and large loafing shed 2 12x40 silos w/roofs chicken house Metal grain storage and corn cribs
Ideal for grain farming dairy farming and hunting A fine farm with future potential
TERMS 10% deposit settlement within 60 days possession by Jan 1, 1975 Sale subject to confirmation by Heirs
Information and plot plan available from
HARRY RUDNICK & SONS, INC Auctioneers
Galena, Md Phone (301) 648 5100

Grains & Trains

[Continued from Page 55]

cars not subject to mandatory return to the owning railroads.

New cars. The pool would initially include 10,000 new cars, whose construction costs would be underwritten by financially sound railroads. Since they would be free to respond more quickly to shippers' needs, the efficiency of car allocations could be substantially boosted.

On other fronts, the smoothing out of the export grain operation bodes well for rail car supplies this harvest season. Grain movements to ports have slowed down considerably, freeing cars for new shipments.

Also, many covered hoppers which were used for moving fertilizer to farming areas in the early spring are now free for harvest use.

Meanwhile, innovations in other areas of railroad operations show potential for upping efficiency in equipment use Past studies indicate that freight cars spend only 9-14 percent of their time in running service. Some 18-23 percent is spent loading and unloading, about 35 percent in intermediate rail yards, and 29-38 percent either being repaired or sitting idle.

Speeding up service. Steps taken to speed up car movements include computerized car location, coordination, and yard switching operations, "run through" service, and unit trains.

Run through and unit trains both bypass intermediate railroad yards en route to their destinations, thereby avoiding the time-consuming procedure of switching cars from one rail line to another.

However, a run through train may carry a variety of commodities, while a unit train basically acts as a shuttle service, carrying a single commodity such as grain to one destination and then returning for another load.

Piggybacking, or carrying truck trailers on specially designed flatcars, is another service which offers shipping flexibility and helps to relieve supply pressure on other freight cars.

No easy answers. While these shipping techniques have improved the railroads' ability to move agricultural goods, many economists doubt that the transportation problem in rural areas is likely to be solved without either excess capacity or some means of stimulating other sectors of the economy to share equipment during periods of peak agricultural demand.

Research is underway on developing a pricing system capable of allocating freight cars to the most urgent needs, and Congress is considering proposals to deregulate many railroad operations so that rail service could be linked more directly to supply and demand.

But ERS researchers emphasize that more study is needed to untangle the complicated web of rural shipping problems . . . and that no easy answers are in store for rural areas needing service now.

[Based on the interim report, "Transportation in Rural America," National Economic Analysis Division, and on special material from the Association of American Railroads.]

Central Soya Announces Program

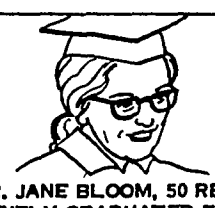
After careful study and a comprehensive testing program, Master Mix research has developed a feeding and management program designed to help dairymen realize the inherent performance potential of their dairy-bred steers.

In an effort to meet the increasing worldwide demand for beef, many cattle feeders are turning to dairy-bred calves to fill their feedlots. Not only do the dairy-bred calves meet the need for additional feeder calves, they also gain rapidly and yield desirable carcasses. These performance levels can only be reached, however, when special high-energy feeding programs are used.

The new Master Mix dairy-beef program includes new HI-GAIN II, a new milk replacer specifically designed for the dairy-beef animal, fortified with a broad spectrum antibiotic to stimulate growth and prevent scours. The new program also includes Master Mix CALF STARTER and CALF GROWER.

For those who want a top dressing program or a mix-in roughage program, there are specific Master Mix feeds available for those purposes.

This new dairy-beef program is available immediately from Master Mix dealers throughout the United States.



DR. JANE BLOOM, 50 RECENTLY GRADUATED FROM UNIVERSITY OF MICHIGAN MEDICAL SCHOOL. WHILE PURSUING HER MEDICAL STUDIES, SHE AND HER HUSBAND RAISED TEN CHILDREN, OPERATED A CHICKEN FARM. HER AGE SHE CONSIDERS NO HANDICAP IN HER NEW VOCATION. "WE COME FROM A LONG-LIVED FAMILY," SHE SAYS.

TRY A CLASSIFIED AD
PHONE 626-2191 or 394-3047

HOG SALE

FRIDAY, SEPT. 20 6:30 P.M.
APPROXIMATELY 100 HOGS
YORKSHIRE OR DUROC
Bred Gilts, Open Gilts, Boars, Also some feeder Pigs

Lebanon Fair Grounds
1½ mile South of Lebanon, Intersection of Cornwall and Evergreen Roads
For Catalog write or call:
LEON L. ARNOLD
1245 E. Cumberland St Lebanon, Pa. 17042
Phone: 717-273-5880

PUBLIC AUCTION
SATURDAY, SEPTEMBER 21, 1974
10:00 A.M.
Located in Paradise, Pa. along Route 30 Opposite Christ's Home

HOUSEHOLD GOODS
Formica top dinnette set, 3 base cabinets, waterfall D. R. Suite, 2 pc. L. R. Suite, coffee and end tables, table and floor lamps, picture frames, stereo AM and FM Radio, 2 small cedar chests, LARGE SOLID CEDAR CLOSET WITH BOTTOM CHEST, BEDROOM SUITES, roll-a-way cot, books, mag. nite stands, through rugs, 2 plate gas stove, metal folding table, DEHUMIDIFIER, waterfall kneehole desk, highchair, childs' rocker, refrigerator, 12 Place Setting Silverware, elect. frypan, elect. boiler oven.

ANTIQUES
OLD MIRROR TRIMMED IN BRASS, clothes tree, oak chest of drawers, narrow bookshelf, large bookshelf, SEVERAL GOOD CROCKS, and JUGS, toilet bowl, oak ext. table, sad irons, dutch oven, porch and other rockers, old stand, flower stand, wicker set, shoe lath, pitcher pump, milk cans, COAL OIL LAMPS.

DISHES
PINK DEPRESSION GLASS, PINK SHERBETS, tooth pick holders, and other good glassware, tumblers, nick nacks, BRIDES BASKET.

GENERATOR
KATO BRUSHLESS ALTERNATOR GENERATOR WITH POWER TAKE OFF FOR TRACTORS 15,000 WATTS, USED APPROX. 10 HOURS.

GUNS
Barker 12 Gauge double barrel gun, 22 Single Barrel Gun

TOOLS
Coleman lanterns, air compressor, sockets, hand tools, ladders, log chains, garden tools, small grinder, gal. pipe fittings, pipe wrenches, OLD ANVIL, BAG WAGON, gears, pea & beam scales, grease gun & barrel of grease, single row garden tractor, army truck chains, 15" drill & bench drill press, ½ ton hoist, 200' or more of litter carrier track, roll-a-way-nests, hanging feeders, piston water pump, medication & vitamin tank, 6 cans of liquid roof coating (black), elect motors chicken house fans, egg carts, hand cart, egg baskets, old tool chest, hydraulic screw jack, jack posts, & many other items

ORDER OF SALE BY
VICTOR DENLINGER
Aucts -- Ira Stoltzfus & Son
Phone -- 717-442-4936
717-442-8254
Not Responsible for Accidents.
Food

DAN DORA REGISTERED GUERNSEY MILKING HERD DISPERSAL
Daniel Renn, Paxinos, Pa., Owner
SATURDAY, SEPTEMBER 14 - 1:00 P.M.
At the farm, 1 mile South of Augustaville [8 miles Southeast of Sunbury on Rt. #890] on Irish Valley Road, follow signs.
32 COWS - 20 REGISTERED - 12 GRADES
Included are 20 "Master Chief" daughters, GOLD STAR SIRE, Pred Diff 95% Rpt +123M +3F 987 daus in 196 herds ME ave 10236M 480F 222 daus cl. 83 9, 3 E. 95-VG. 107 D Lyrene May Rose Prince is service sire to 15 head
Cows are due every month of the year
Plan ahead select the months you need cows to fill your milk tank Come here and pick them
SALE MANAGED BY:
PENNA. GUERNSEY BREEDERS' ASS'N.
P.O. BOX 458 CAMP HILL, PA 17011

PUBLIC SALE
OF FARM MACHINERY, HOUSEHOLD GOODS AND ANTIQUES
SATURDAY, SEPT. 14, 1974
Located 3 miles Southeast of Strasburg on Route 896, between Strasburg and Georgetown, Lancaster County, Penna.

1946 ½-TON CHEV. PICK-UP, 72,000 original miles in good condition; 1962 BLACK CHEV. II, one owner, 58,000 original miles; JOHN DEERE M.T. TRACTOR with cultivator; John Deere No. 4 5-ft. grass mower; New Idea spreader; 3-section steel roller; walking plow; old wagon jack; 24-disc harrow; peg harrow; 2-section spring harrow; 1-row tobacco planter; 2 electric brooder stoves; 2 brooder houses, 12'x12'; chicken feeder; range feeders; 24-ft. extension ladder; step ladder; platform scales; steel post; wooden wheel barrow; corn sheller; ropes; rope tacklings; 2 hay knives; PTO air pump; clover seed sower; galvanized water tubs; milk cans; garden tools; push harrow; garden worker; tools; saw; pipe wrench; grindstone; log chains; drag; lumber; iron troughs; old pot belly stove; butcher table; paint; shovels; forks.

HOUSEHOLD GOODS
2 toilet sets, 7 and 4 pieces: A B C. aluminum plate; Rose glass; Lancaster souvenir pitcher; nippon ware; lantern; crocks and jug; old picture and mirror; child's rocker, old chairs; 1929 Atlas; 2 horse blankets; lap robe; rag carpet, old wooden slop bucket, 3-burner oil stove, and many other articles not mentioned.
ORDER OF SALE Small items at barn, farm equipment, household goods

Sale at 12:30 p.m Terms by
Ruth L. Neff
For the Chester S. Neff Estate
Robert E. Martin, 656-7770 and
Frank L. Steller, 656-9055 - Auctioneers
Refreshments by Mt Pleasant Mennonite Church

YAGGIE'S COMPLETE DISPERSAL
LOCATION: At Roaring Branch, Pa., Tioga Co., 28 miles North of Williamsport, Pa., 10 miles South of Canton, Pa., 1 mile off Route 14.
SATURDAY, SEPTEMBER 14, 1974
AT 9:30 A.M.
97 HEAD HOLSTEIN DAIRY CATTLE 97
25 Registered 72 Hi-Grades
61 young milking age animals, including several fresh cows, close springers, balance late Fall and Winter freshening (30 granddaughters Kingpin). 6 Bred Heifers, 17 Open Heifers, 10 Started Heifer Calves, 3 Bulls (2 breeding age, 1 by Bootlegger, 1 by Centurion Rocket, both from Lassie Leader dams; 1 started Bull calf). This herd 90 percent home raised with quality udders, dairy character from A.I. proven bulls and bred to choice sires.
SAMPLE SIRES OF FEMALES SELLING: Kingpin, Citation R Maple, Downalane Reflection Emperor, Hagen, Lassie Leader, Robson Romandale Reflect Dell, President Vernon, Utag Ivanhoe Ultimate, Bootlegger, Centurion Rocket and other choice sires represented.
Interstate Tested Charts Sale Day Catalogues
Calfhood Vaccinated Pregnancy Checked
Inoculated for IBR

MACHINERY & EQUIPMENT
3 TRACTORS: John Deere 4020 diesel, J.D. 2520 diesel, both with wide front end, J.D. A; J.D. No. 12 chopper, 2 heads, 1 row corn and direct cut; Gehl 99 Hi-Throw blower, 2 forage wagons, 1 Dion 16-ft., 1 Kaston 14-ft., both with flotation tires; J.D. No. 25 combine PTO with bin, N.H. 69 baler with PTO thrower, Oliver 4-bottom 16-in. semi-mounted plows, J.D. (KBA) transport disc, Brillion 16-ft. transport drag, 3 hay wagons with throw boxes (2 new), J.D. 290 corn planter, 512 N.H. spreader, N.I. side rake, Int. 16-hoe disc drill, Int. hay conditioner, J.D. cultivators, thresher, M.H. rake, 2 sets tractor chains, cylinders, Skelton elevator, Dairy Vac, 2 sets Sunbeam clippers, brooms, silage forks, 2 barn foggers, cow trainers, wheelbarrows, electric fencer, water troughs, sub pump, many other pieces machinery and equipment sells.

MILK EQUIPMENT
Mueller 800-gallon tank (new '72), 4 Surge milker units, Weco milk transfer station with 150 ft. hose and dryer, Mueller automatic washer for bulk tank, Surge SP 22 milker pump, cabinets, vats.

PATZ BARN CLEANER
Patz Unit with 386-ft. chain.

PRODUCE
10,000 bales early cut and good quality hay, 1,100 bales gutter or mulch hay, 1,400 bales oat and wheat straw (hay and straw sold in lots), quantity grass silage, 35 acres standing corn, will be sold by acre (all early maturing corn).
SALE MGR. NOTE: For high producing young cows, nearly new and well kept machinery and milk equipment, you will find at Yaggie's where the welcome mat is always out.
TERMS: CASH OR GOOD CHECK SALE DAY.

ANDREW and ELLAMAE YAGGIE, Owners
VICTOR KENT & WILLIAM KENT, Auctioneers
JEFF WARNER, Clerk
ROCKWELL'S LIVESTOCK, Sale Mgrs.
D. O Rockwell, Prop., Troy, Pa.
Phone 717-297-3460
LUNCH AVAILABLE

Public Sales Register

SAT. SEPT. 7 - 9:30 A.M. Public Auction of 104 acre Farm, Farm Equipment and Tools, Household Items, Antiques and Collectibles located 16 miles South of Sunbury; 45 miles Northeast of Harrisburg; 3 miles East of Pillow and Route 225; 3 miles West of Lingerstown, in the Village of Hebe, Lower Northumberland County, Pa. Sale by Walter T. Strohecker, Exectuor for the Estate of Carrie A. Strohecker; George N. Deibert, Auctioneer.

SAT. SEPT. 7 - 2 P.M. Public Sale of 118 acre Dairy Farm located 5 miles East of Pine Grove, along Sweet Arrow Lake Road. Sale by Lester S. and Doris E. Martin, RD2, Pine Grove, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. SEPT. 7 - 2 p.m. Public Sale of 14 acre Farm located along Swamp Bridge Road (near Schoeneck) West Cocalico Twp., Lancaster Co., Pa. Terms by Donald R. Shenk and Cindy L. Shenk; T. Glenn Horst, Auctioneer.

SAT. SEPT. 7- 12 Noon Public Sale of Household Goods and Hay at the east end of New Holland off Route 23. Take North Kinzer Ave. to first land on right. Sale by Lydia K. Musser and John E. Campbell; Kreider and Diller, Auctioneers.

SAT. SEPT. 7- 10:30 Public Sale of Antiques and Household Goods located along Creek Hill Road, Leola. Sale by Gladys Johns; Hosler and Witman, Auctioneers.

SAT. SEPT. 7 - 9:30 A.M. Sharp Public Sale of Real Estate, Farm Machinery, Growing Corn, Tools, Household Goods and Antiques of the late Thomas A. Miller of Rinely located approx. ¼ miles off Rt. 24 along Westview Rd. near the Village of Rinely, York Co., Pa. Sale by Pauline V. Miller, owner; Robert L. Sechrist, Auctioneer.

SAT. SEPT. 7- 1 P.M. Public Sale of 60 Head of Charolais Cross Cattle located midway between East Berlin and Abbottstown on 194, turn at Jacobs Mill Road then turn right at St. Mayr's Road. Sale by, Claude Grim Sons, Inc. Clair Slaybaugh, Auctioneer.

SAT. SEPT. 7 - 1 p.m. Back Brook Farm Milking Herd Dispersal located in Lebanon Co., 2 miles south of Fredericksburg, Pa., on Rt. 22 east to dead end, then turn south on Mt. Zion Road. First farm south of Hamlin, Pa. Sale by Oscar, Margaret, & Richard Van Lieu, owners, RD2, Lebanon, Pa. 17042; Earl Buffenmeyer, Auct.; Fred M. Naugle, Pedigrees.

SAT. SEPT. 7- 12 Noon Public Sale of Farm Machinery located on Cokesbury Road, Lebanon, New Jersey. Terms by Abe Simon, owner; Col. Fred R. Daniel, Auctioneer.

SAT. SEPT. 7- 1 p.m. Holstein Auction at Jim Adriance Farm just off Rt. 706, 6 miles West of Montrose, Pa. Montrose is 10 miles from Interstate 81. Arrows. 70 Head of Holstein Feeder Steers and 40 head Holstein Springing cows and 1st. calf Heifers. Jim Adriance, Auctioneer.

SAT. SEPT. 7 - Public Sale of Household Goods, Fine Antiques and Tools. Located at 135 S. 9th Street, Akron, Pa. Sale by Horace S. Mellinger Estate. Dale L. Putt, Auctioneer.

Mon. Sept. 9- 12 Noon Public Auction of Farm Machinery located on the farm on Morgnec Road, Route 291, between Chestertown and Millington, Md. Sale by Irvin Myers, Owner, Millington, Md.; Harry Rudnick and Sons, Inc., Sales Managers and Auctioneers.

MON. SEPT. 9- 7:30 p.m. Special Dispersal Sale of 89 Good Cows at Green Dragon Livestock Sales, RD3, Ephrata, Pa. Walter Risser, Manager

WED. SEPT. 11 - 6:30 P.M. Public Auction of Household Furnishings and Antiques at RD1, Strasburg Rt. 896. Sale conducted by L & S Auction Center; Larry Lefever and Richard Schroyer, Auctioneers.

THURS. SEPT. 12- 7:30 p.m. Public Auction of Fresh or Springing Heifer Sale to be held at Sechrist Sales Co. Livestock Auction near New Park, Pa. Sale by Sechrist Sales Co., Inc., Sales Managers; Robert L. Sechrist, Auctioneer.

THURS. NIGHT SEPT. 12 - 7:45 P.M. Public Sale of 43 Hi-Grade Holstein Dairy Cattle and Dairy Equipment, etc. on the farm 6 miles East of Berwick, just off Berwick-Hazelton Rt. 93 Highway (Luzerne Co.) Sale by Harry and Creola Arner, owners; Max Fraley and Everett Kreider, Auctioneers.

THURS. SEPT. 12 - 6 P.M. Public Auction at the Hat & Gavel Auction Co. located one mile North of Lititz Along Rt. 501. Wilbur H. Hosler and Jay M. Witman, Auctioneers.

THURS. SEPT. 12 - 11 A.M. Ralph Schultz Estate Complete Dispersal to be held at the Charles C. Myers Black & White Farm just west of Lancaster, Pa. Farm is just off Rte. 283; exit at Flory Mill Rd. just west of ABC Stud barns. Go around mill, under bridge to farm. Sale by Ralph Schultz Estate, owners, Hereford, Pa.; R. Austin Backus, Inc., Sale Mgrs. and Auctioneers, Mexico, N.Y. and Penna. Hol. Assn., 839 Benner Pike, State College, Pa.

FRI. SEPT. 13 - 8 P.M. Dairy Cattle Sale (50 Head of Top Holsteins) to be held at the Aberdeen Sales Co., Inc., Livestock Auction Market located on Md. Rt. 22 6 mi. west of Aberdeen, Md. and 6 mi. east of Bel Air, Md. in Churchville, Harford Co., Md. Sale by Aberdeen Sales Co., Inc., Livestock Auction Mkt., Kent R. Ferrell, Jr. Auctioneer.

FRI. SEPT. 13- 7 p.m. Special Fall Feeder Sale at Vintage Sales Stables, Inc., Paradise, Penna.

FRI. SEPT. 13 - 6 P.M. Gap Auction located off Route 14, Lancaster Ave. Opposite Turkey Hill Minit Market, Cross RR Bridge. Sale by Ira Stoltzfus and Son Auctioneers.

FRI. SEPT. 13 - 12 o'clock Noon Public Sale of Dairy Cows and Farm Machinery located 3 miles West of Buck off of Route 372 turn left on to Susquehannock Road, Martic Twp., Lancaster Co., Pa. Sale by Abram W. Metzler; Kersey A. Bradley, Auctioneer.

SAT. SEPT. 14 - 1 p.m. Public Auction for the Heirs of Jennie W. Gustafson, 333 acre farm, located on Quaker Neck Road, Route

(Continued on Page 58)

PUBLIC SALE
52 VALUABLE REGISTERED and HI-GRADE HOLSTEIN DAIRY CATTLE

Line of Farm Machinery Including 5 IH Tractors.
86 Acre High Producing Dairy Farm with 20x64 Star Silo-Feeder Shed 30 x 70', other silo, Large Bank Barn with enclosed straw shed. Large Block Milk House, 2½ story brick 9 room home with oil hot water heat. Ideal farm for dairy-beef-horses or produce.
Excellent Alfalfa land in River Bottom Soil.
Located 15 miles South of Williamsport, ½ mile East of Muncy, Pa. along the Rt. 147 Beltway.

SATURDAY, SEPT. 28, 1974
Starting at 10 A.M.

For an appointment to view this very outstanding level farm, dial auctioneer Max Fraley, 717-546-6631.
Real Estate Terms, $10,000. down day of sale, balance 30 days.

Exe. JOE WALTMAN
and LOIS HOLZWORTH
Listing Later

GAP AUCTION
FRIDAY EVENING, SEPT. 13, 1974
- 6:00 P.M.

Located Off Route 41 - Lancaster Ave. Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES SOLD AT EVERY AUCTION

Inspection Friday from 9 00 a m until sale time
CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. TO 7:00 P.M.
OTHER DAYS BY APPOINTMENT Call us for pick-up service

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

Lancaster Farming Photos for Sale

If you'd like prints of any Lancaster Farming photographs, we'll be happy to make them for you To order, just complete the form below and mail or bring it to Photo Department Lancaster Farming 22 E Main St Lititz Pa 17543

The photo I want appeared in the Lancaster Farming dated _____ It was on page _____ and the caption begins

I would like to order the following prints

Number of prints	Size	Cost of each	Total
_____	4x5	$1 50	_____
_____	5x7	2 00	_____
_____	8x10	2 50	_____

Total order (Please add 6 pct Pa Sales Tax) _____ _____

Please send remittance with order Allow 10 days for delivery

Name _____
Street _____
Town _____
State _____ Zip _____

SEPTEMBER COW SALE
FRIDAY, SEPT. 20
8:00 P.M.
BLACK & WHITE HOLSTEIN FARM
FEATURING
60 HEAD TOP QUALITY CANADIAN & WISCONSIN COWS
The Price is Right to Buy Cows Now for Fall Milking
Will Be Selling Show Prospects for October Shows

The Myers Boys go direct to the farms to purchase top quality cows for their monthly sale.
For additional information on Bloodlines and Production call Thursday, September 19. (717) 569-2106

Sale held at the Black & White Holstein Farm located just West of Lancaster, Pa. on Dairy Lane. Exit 283 West of Lancaster at Flory's Mill Rd., turn left and then right around mill to farm.

CHARLES C. MYERS

ABE DIFFENBACH Auctioneer
HENRY KETTERING: Pedigrees
PARK MYERS, Sales Manager
ROBERT LAWRENCE, Cashier

717—569-2106
or 717—569-6800

PUBLIC AUCTION
OF NEW & USED FARM & INDUSTRIAL EQUIPMENT;
FRIDAY, SEPT. 20, 1974
10:00 A.M. at

YORK CO. FARM & INDUSTRIAL EQUIPMENT CO., INC.
4 MILES NORTH OF YORK, PA ON ROUTE 181 EXIT 10 OR 11, OFF INTERSTATE 83, EMIGSVILLE, PA

40 TRACTORS

John Deere's, Farmall's, Ford's, Case, Allis Chalmers and others
Plows, Disc Harrows, Cultipackers, 1 and 2 row mounted and pull type corn pickers, Grain Drills, Corn Planters, Mowers, Wagons Snow Plows, etc, etc
All Kinds of Equipment, Hardware, and Trucks
Some Construction Equipment - Crawlers Rubber tired backhoes and loaders

YORK CO. FARM & INDUSTRIAL EQUIPMENT CO., INC.
Box 222 Emigsville, Pa 17318
Phone 764-6412

Public Sales Register

[Continued from Page 57]

289, just past the Chester River Yacht and Country Club, 2 miles south of Chestertown, Md. Harry Rudnick and Sons, Inc., Auctioneers, Galena, Md.

SAT. SEPT. 14- 1 p.m. Dan Dora Registered Guernsey Milking Herd Dispersal, Daniel Renn, Paxinos, Pa., owner, at the farm, 1 mile south of Augustaville (8 miles southeast of Sunbury on Rt. 890) on Irish Valley Road, follow signs. Sale Managed by Penna. Guernsey Breeders' Ass'n. P.O. Box 458, Camp Hill, Pa.

SAT. SEPT. 14- 2 P.M. Public Sale of Real Estate including 10 acre tract woodland for Galen Frey; Hosler and Witman, Auctioneers.

SAT. SEPT. 14- 11 A.M. Public Sale of 241 acre farm located at Dry Run, Pa., on the beautiful Tuscarora Mountain. Sale by Merian S. Fleming and Wilbur T. Harry, Administrators of Milo V. Harry Estate.

SAT. SEPT. 14- 12:30 Public Sale of Farm Equipment and some Household Goods, 1946 ½ ton pickup, 1962 car and J. D. MT located 3 miles southeast of Strasburg on Route 896 midway between Georgetown and Strasburg. Terms by Ruth L. Neff for Chester S. Neff Estate; Robert E. Martin and Frank Steller, Auctioneers.

SAT. SEPT. 14 - 9:30 a.m. DST Complete Workshop Sale, Shop Equipment, Tools, Lumber, etc. located 8 mi. West of Gettysburg along the old Rt. 30 in the village of Cashtown, near the Fire Engine House. Sale by Lloyd Biesecker, owner; Clair R. Slaybaugh, Auctioneer.

SAT. SEPT. 14 - 10 A.M. Public Auction of Household Goods, Appliances, Furniture and Antiques at 11 Graybill Road, Bareville, Pa. 8 miles East of Lancaster, just off Rt. 23. Sale by Harry's Auction; George Clapper, Manager

SAT. SEPT. 14- 9:30 a.m. Yaggie's Complete Dispersal of 97 Head Holstein Dairy Cattle. Location-At Roaring Branch, Pa., Tioga Co., 28 miles North of Williamsport, Pa., 10 miles South of Canton, Pa., 1 mile off Route 14. Sale by Andrew and Ellamae Yaggie, owners; Victor Kent and William Kent, Auctioneers; Rockwell's Livestock, Troy, Pa. Sale Mgrs.

TUES. SEPT. 17 - 6 P.M. Public Auction of Furniture, Glassware, Appliances, etc. located at Farmersville, 3 miles East of Brownstown, Lancaster Co. Sale by John J. Rutt, Richard Murray, Auctioneer.

WED. SEPT. 18- 7:30 P.M. 600 Head Holstein, Holstein-Cross Feeder Steers at Galax Livestock Market, Galax, Virginia

WED. SEPT. 18- 10 a.m. C. H. Wolgemuth & Sons Public Sale of Farm Equipment located 4 miles west of Manheim, Lancaster County, Pa. 1 mile west of East Fairview Brethren Church, on Valley Road, just off Hosler Road. Look for Sale Arrows. C. H. Wolgemuth, Sale Manager

FRI. SEPT. 20- 6:30 P.M. Public Sale of approximately 100 hogs to be held at the Lebanon Fair Grounds Sale Barn, 1½ miles South of Lebanon Intersection of Cornwall and Evergreen Roads. Bred Gilts, Open Gilts, Boars and Feeder Pigs. Sale by Leon L. Arnold, 1245 E. Cumberland St., Lebanon, Pa.

FRI. SEPT. 20- 2nd Pennsylvania Chester White Invitational Show and Sale to be held at the Lancaster Stockyards Feeder Pig Barn, Lancaster, Pa. Show time 5:00 P.M. Sale 7:30 P.M. For information contact Charles E. Griest, RD1 Abbottstown, Pa.; Charles L. Wehrly, Auctioneer.

FRI. SEPT. 20 - 7:30 p.m. Special Sale all weights Steers, Calves, Cows at Leesburg Livestock Market, Leesburg, Va.

FRI. SEPT. 20-8 P.M. Nite Cow Sale at the Black and White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of Breeding unit. Charles C. Myers, Owner; Abe Diffenbach, Auctioneer: Henry Kettering, Pedigrees; Park Myers, Sales Manager

FRI. SEPT. 20- 7:30 p.m. All kinds of Feeder Cattle and Calves, mostly Yearlings at the South Branch Stockyards, Inc., Moorefield, West Virginai.

FRI. SEPT. 20- 6:30 p.m. Hog Sale of Yorkshire and Duroc at the Lebanon Fair Grounds located 1½ miles South of Lebanon, Intersection of Cornwall and Evergreen Roads. For Catalogs write Leon L. Arnold, 1245 E. Cumberland St., Lebanon, Pa.

FRI. SEPT. 20- 1 p.m. Fall Yearling Sale to be held at the Farmers Livestock Exchange, Inc. located 1½ miles west of Winchester, Va. on U. S. Route 50.

FRI. SEPT. 20 - 10 A.M. Public Auction of New and Used Farm and Industrial Equipment at York Co. Farm & Industrial Equipment Co., Inc., 4 miles North of York, Pa. on Route 181 Exit 10 or 11, off Interstate 83, Emigsville, Pa.

SAT. SEPT. 21- 11 a.m. Pettitt's Complete Dispersal of 64 Head Holstein Dairy Cattle. Location-At Austinville, Pa. 4 miles West of Columbia Cross Roads, Pa., 8 miles North of Troy, Pa., Bradford Co. (Auction signs from Columbia Cross Roads, Pa.) Sale by Richard and Theresa Pettitt, owners; Victor Kent & William Kent, Auctioneers; Rockwell's Livestock, Troy, Pa., Sale Managers.

SAT. SEPT. 21- 10 a.m. Public Sale of Carpenter Tools, Shop Tools and Antiques located along Road leading from Terre Hill to Martindale in Earl Twp., Pa. Sale by Mrs. Christian Hornberger; LeRoy S. Horst and Paul W. Horst, Auctioneers

SAT. SEPT. 21- 10 a.m. Public Auction of Household Goods, Antiques, Dishes, Kato Brushless Alternator Generator with power take off for tractors 15,000 watts, used approx. 10 hours, Guns and Tools located in Paradise, pa. along Route 30 opposite Christ's Home. Order of Sale by Victor Denlinger; Ira Stoltzfus & Son, Auctioneers.

SAT. SEPT. 21 - 2 p.m. Public Auction of 82 Acre Steer and Tobacco Farm located ¼ mile south of the road leading from Kleinfeltersville to Newmanstown, near Stricklerstown, Millcreek Township, Lebanon County, Pa. Sale by Harvey B and Laura H. Martin; John E. and Paul E. Martin, Auctioneers.

SAT. SEPT. 21- 10:30 A.M. Public Sale of Antiques and Household Goods to be held in the Penryn Picnic Woods at Penryn, Pa. for the benefit of U.C.C. Church. Hosler and Witman, Auctioneers.

SAT. SEPT. 21- Public Sale of Valuable Real Estate and Household Goods, a 2½ story frame dwelling situated on a large lot. Two car garage, located 1,000 feet South of Rt. 30 on Newport Avenue in Gap, Lancaster County, Pa. Terms by Katie R. Beiler, the widow of Aaron P. Beiler, Sale at 11 a.m., Real

[Continued on Page 59]

COMPLETE

WORKSHOP SALE

SHOP EQUIPMENT - TOOLS
LUMBER - ETC.

SATURDAY, SEPTEMBER 14th, 1974

AT 9:30 A.M. DST

Due to age will have public sale located 8 miles West of Gettysburg along the old Rt. #30 in the village of Cashtown, near the Fire Engine House the following:

E. R. Smith 12" joiner head w-7' bed; Craftsman 12" planer w-2 hp motor; Delta 10" comb. rip saw and tennant attachment; Delta floor drill press and mortice machine attachments; Craftsman jig saw w-24" throat; Craftsman ½" spindle shaper, extra cutters; Duro 40" turn lathe w-6" swing; set of turn lathe chisels; Millers Falls metal mitre box; hack saw mitre box; 2 7" safety saws, 1 Stanley w-case, 1 Craftsman, new; Clark ½" elect. drill; 2 Markwell staplers; tinsnips; hammers; wrenches; screwdrivers; pipe wrenches and threaders; slater's tools; spoke shavers; and 100's of items not mentioned above plus a large assortment of nuts, screws, bolts, nails and similar items.

LUMBER: 1,000 ft. good dry cherry and walnut lumber, 1" boards and 2" plank, 12' long; 4 x 4's; miscellaneous lumber; bark edge.

Note: Enough carpenter tools to supply 4 men. Equipment to be sold at 2:00 P.M. followed by lumber. Equip. AC 110 and 220 current, most w-motors, in good condition.

Lunch rights reserved.

LLOYD BIESECKER,
OWNER
Clair R. Slaybaugh, Auctioneer
Idaville, Pa. Ph. 677-7479

PUBLIC SALE

DAIRY COWS & FARM MACHINERY

FRIDAY, SEPTEMBER 13, 1974

12 o'clock Noon

Located 3 miles West of Buck off of Route #372, turn left on to Susquehannock Road, Martic Twp., Lanc. Co., Pa.

50 HEAD DAIRY COWS

31 Head Milk Cows all Holsteins except one Guernsey. Some fresh and some springers and all stages of production.

28 Head Holstein Heifers
6 to freshen soon
22 bred & open heifers

30 day health chart with each animal. All cattle checked for pregnancy by vet. This is a good young herd of 2nd & 3rd calf cows.

500 gal Esco vacuum milk tank Walker Stamp, milk transfer system, 3 Surge milking units, 52 gal. electric hot water heater

Farm machinery consists of T9 International N crawler tractor with front end loader, New Idea manure spreader with PTO, J.D. chuck wagon, NH flail chopper, Kasten forage box wagon, Kasten plow rake for 5 bottom plow, flat wagon, rubber tired wheel barrow, 20 Ton feed bin, 2 wagon loads of hay, lot of small articles

1969 Ford 2 door Galaxie car (No 302 motor - cheap to run)

Sale by

ABRAM W. METZLER

Lunch Available
Kersey A. Bradley, Auct.
Kirk & Bradley, Clerks

FOR COMPLETE SERVICE CALL
JOHN E. MARTIN
RD1, Durlach Road, Ephrata
733-3511 or
PAUL E. MARTIN
Stevens RD1, Box 561
733-3305
LICENSED AUCTIONEERS
No Sale Too Small or Large
Tents Available

PUBLIC AUCTION

AT THE NEW

HAT & GAVEL AUCTION CO.

One mile North of Lititz along Rt. 501

THURSDAY, SEPTEMBER 12

Starting at 5:00 P.M. Sharp

ANTIQUES SALE

Early china clock, (early miniature fish satin lights), "other early lights", early tin & wooden buckets, spice boxes, etc., variety of pewter, butter scale miniature child bureau, various crocks, iron cat, dog, horse tier, & variety of irons large & small, copper sugar funnel, other copper brass bucket, variety of bells, Agateware, Viewers pictures, earthenware pitcher, glass pitchers, carnival glass milk white egg, dated milk white fish, other milk white, "Copper Luster Mug" with raised band, pattern glass pitchers, corn pitcher. Moose creamer, Closonia pieces "Adams Roseplate A.B.C. Cruso plate, shaving mugs with names, Marble door stop.

Bookurth old cards, Shirley Temple "Book Pitcher" & mug dish, picture album book, many other books, Hull pottery & rosewell pottery, pudding mold, decorated bowls, bristol vases, paid of bureau bottles (milk white), "Ann Maria" Currier Ives, Lincoln Son, Soldiers Memorial pictures eagle and flags on Horse shoe, tumblers, cabbage cutters, carpet beaters, umbrella stands, Jardinieres, glass baskets, coal oil can, railroad Lantern, ice tongs, many lids for compotes, candy jars, etc.

Early parade torch, early spice box (with square boxes), license plates, bottles, Cigar molds, calendar plates, other plates & china dishes, salts, butters, pattern cake stands, panel celery, "Flint" celery, early "1908" calendar plates, 1970 Christmas Royal Copenhagen, Denmark plate, decorated tea pot, sugar & creamer set Ironstone.

White teapot, chickens on nest, blue & white milk glass chicks, Vaseline dishes, china plates, dishes cut glass & pattern, glass galore! Wooden Duck, banks, Majolica cup & saucer & pitcher marked, other Majolica plates, etc.; handless cup & saucers, 1858 pt. jar small neck, quart jars 1858, wooden handled knives & forks ½ doz., pearl handled knives & forks with sterling, band, lot of spoons, laddles, bureau bottles, obelescent glass dishes, ruby glass - Paul Horst Ruby cup, quilt-star apla scallop edge (all hand sewn), 2 Marble top tables, 1880 Camel Back Truck, some oak furniture, other china & glassware too numerous to mention, addition to antiques

Special Notice: In addition to Antiques this sale consists of Large lot carpenter tools in excellent condition

WILBUR H. HOSLER
306 Owl Hill Rd., Lititz

JAY M. WITMAN
RD3, Manheim, Pa.

HAT & GAVEL AUCTION CO. SELLS ON COMMISSION -- Call 626-0254

Receiving Hours Monday, Noon to 9 P.M.; Wednesday, 9 A.M. to 6 P.M.; Tuesday, Pickup Day.

Public Sales Register

(Continued from Page 58)

Estate at 2 p.m. Robert E. Martin and Frank L. Stiller, Auctioneers.

MO[illegible] Eleven[illegible] American Dairy Show at the Farm Show Building, Harrisburg, Penna.

TUES. SEPT. 24- 1 P.M. 900 Head Feeder Calf Sale at Orange, Virginia.

Auburn Center and Pa. Rt. 267, 1 mile S. of Auburn Four Corners, 6 miles W. of Springville and Pa. Rt. 29. Sale by Mr. & Mrs. Benton Mitshell, Owners, RD3, Neshoppen, Pa.; Merton L. Bunnell, Auctioneer.

WED. SEPT. 25- 1 P.M. 1400 Head Feeder Calf Sale at Charlottsville, Virginia.

THURS. SEPT. 26- 1 P.M. 1200 Head Feeder Calf Sale at [illegible]Virginia. This includes Rappahannock County Calves.

THURS. SEPT. 26- 7 P.M. 1200 Head Feeder Calf Sale at Marshall, Virginia.

THURS. SEPT. 26- 1 p.m. Public Auction of Valuable Real Estate and Ski Lodge Equip. Location: Travel South of Lancaster on Rt. 324 at Marticville take Frogtown Road, left on Sickman Mill Road, then Meadow Lane, or turn left at Leo's Store Conestoga Center follow River Corner Church Road to River Road then Meadow Lane, 8 miles from Lancaster, 60 miles from Philadelphia, 65 miles from Baltimore. Sale by The First National Bank of Strasburg; Carl Diller and J. Everett Kreider, Auctioneers.

THURS. EVE. SEPT. 26 - 7 P.M. Public Sale of Real Estate 112 acre Farm located along Cloverleaf Road, 3 miles Northeast of Elizabethtown, Pa. Get off 283 Bypass at Rheems and Milton Grove Interchange turn North. Sale by Blain R. Gantz; Harold (Abe) Shaffner, Auctioneer.

THURS. SEPT. 26- 10 A.M. 500 Head Holstein, Holstein-Cross Feeder Steers at Farmers Livestock Market, Tazewell, Virginia

FRI. SEPT. 27- 1 P.M. 1100 Head Feeder Calf Sale at Staunton, Virginia.

FRI. SEPT. 27- 7 p.m. Special Fall Feeder Sales at Vintage Sales Stables, Inc., Paradise, Penna.

SAT. SEPT. 28 - 10 A.M. Public Sale of 52 Valuable Reg. and Hi-Grade Holsteins Dairy Cattle, Farm Machinery and 86 Acre High Producing Dairy Farm located 15 miles South of Williamsport, ½ mile East of Muncy, Pa. along the Rt. 147 Beltway. Sale by Joe Waltman and Lois Holzworth, Exe; Max Fraley, Auctioneer.

SAT. SEPT. 28- 2 P.M. Complete Liquidation of Valuable Real Estate, Hulls Stage Coach Inn located on Rt. 72 North of Manheim; Hosler and Witman, Auctioneers.

SAT. SEPT. 28 - 12:30 p.m. Paul Burkholder Holstein Dispersal Auction of 52 Registered and High Grade Holstein Dairy Cattle. Take Route 422 East from Lebanon to Womelsdorf then Route 419 North, past Four Points Hotel, to old Route 22, take old Route 22 East through Strausstown, approximately 5 miles east of Strausstown turn South at Hillcrest Campsites 1 mile to Farm on left. Look for Sale Arrows. Sale by Paul Burkholder, RD1, Bernville, Pa. John E. and Paul E. Martin, Auctioneers.

TUES. OCT. 1 - 1 P.M. Special Graded Feeder Pig Sale at the Lancaster Stock Yards, Inc., Lancaster, Penna.

WED. OCT. 2 - 9:30 a.m. Consignment Sale located ½ mile north of Route 23 on North Maple Ave. in Leola, Lancaster County, Pa. Sale by David H. Good; F. Snyder, R. Martin and C. H. Wolgemuth, Auctioneers.

FRI. OCT. 4 - 1 p.m. Sale of 200 Head Yorkshires by Real Farms, Inc., Tipton, Pa. Farm is located 9 miles North of Altoona off Rt. 220, or 40 miles North of Turnpike Exit at Bedford. Nevin Zerby, Swine Manager

FRI. OCT. 4 - Northeast Belted Galloways First Show and Production Sale at the 124th Annyak Fryeburg Fair, Fryeburg, Maine. For information and catalog write Ernest C. Cutter, president, Northeast Belted Galloways, Beaver Dam Farm, Durham, New Hampshire 03824

FRI. OCT. 4- Sale 1 p.m.; Show 10 a.m. Feeder Calf Sale and Show to be held at the Farmers Livestock Exchange, Inc. located 1½ miles west of Winchester, Va. on U. S. Route 50.

FRI. OCT. 4- 7:30 p.m. All Kinds of Feeder Cattle and All Weights at the South Branch Stockyards, Inc., Moorefield, West Virginia

SAT. OCT. 5 - Public Sale of Farm Machinery for Robert Newswanger, near Cocalico along Rte. 897. Randal Kline, Auctioneer.

SAT. OCT. 5- 2 p.m. Public Auction of 37 Acre Steer & Tobacco Farm. Location - Take Toute 422 east from Lebanon turn south at first traffic light past Martin's Farm Market 1½ mile to farm on right. Or between Schaefferstown and Lebanon along 897 turn north at Krall's Mennonite Church 3 miles to farm, South Lebanon Township, Lebanon County, Pa. Sale by Phares H. and Alta B. Musser, RD1, Lebanon, Pa. owners; John E. and Paul E. Martin, Auctioneer.

SAT. OCT. 5 - 2 P.M. Public Sale of 72 Acre and 140 perches Farm, good producer, excellent buildings, possession March 1st. 1975 located 13 miles east of Lancaster, ½ mile south of Route 30 from Vintage, ¼ mile north of Route 471 along the Vintage Road, Paradise Twp., Lancaster County, Pa. Sale by Warren E. Denlinger, owner; Carl Herr, Atty., Abe Diffenbach, Auctioneer.

SAT. OCT. 12- 1 P.M. Charolais Production Sale at Stauffer Homestead Farm, East Earl No. 2, Pa. Just South of Goodville, five miles East of New Holland, on Route No. 23. 60 percentage certified Charolais cows, bulls, heifers and calves. Sale by Elizabeth Groff Miller. New Holland Sales Co., Auctioneers.

FRI. OCT. 18- 7:30 p.m All Calves and They will be State Graded at the South Branch Stockyards, Inc., Moorefield, West Virginia.

FRI OCT 18- 1 p.m. Second Fall Yearling Sale to be held at the Farmers Livestock Exchange, Inc. located 1½ miles west of Winchester, Va. on U. S. Route 50

FRI. NOV. 1- 7:30 p.m. All Kinds of Feeder Cattle and All Weights at the South Branch Stockyards, Inc., Moorefield, West Virginia.

FRI. NOV. 1- 7 p.m. 2nd Feeder Calf and Yearling Sale to be held at the Farmers Livestock Exchange, Inc. located 1½ miles west of Winchester, Va on U. S. Route 50.

Sale Reports

Quemeade Farm Dairy Dispersal
August 29, 1974
R. John Yost, Owner

Auctioneer R. Austin Backus, Inc. reported a successful sale with the following highlights: Quemeade Neda Appolo $1800; Quemeade Violet Performer $1475; Quemeade Carmel Performer $1400 and Quemeade Ethel Performer $1400.

Farm Dispersal
Mrs. Michael Kranchanko
August 31, 1974

An unusually large crowd of people saw the following highlights: John Deere 520 tractor $1950, Patz Barn Cleaner $1550, Unloading wagon $1525 and corn $135 per acre.

PUBLIC AUCTION

Location on my farm on Morgnec Road, Route 291, between Chestertown, and Millington, Md

MONDAY, SEPT. 9TH,

At 12:00 Noon

FARM MACHINERY: OLIVER 1650 Diesel TRACTOR w-front, OLIVER 1600 Gas Tractor, OLIVER 88 Diesel Tractor, OLIVER 77 gas TRACTOR. 2 sets Oliver 3x16 semi-mount plows, Oliver 3x14 pull type plows, Oliver 10' disc (road), Oliver 7' disc, 2 cultipackers 8' and 12', Brillion 12' roller harrow, Oliver 3 section spring tooth, John Deere drag harrow, Oliver 4 row cultivators and 2 sets of 2 row, Oliver hay rake, Oliver hay crusher, New Holland No. 271 Baler, 2 Ontarion grain drills, International 4 row corn planter, Oliver 83H 2 row pull type planter, 3 corn wagons, 2 flat wagons, JD 3 pt. sprayer, AC 3 pt. scraper blade, Kingwise 34' elevator. Some harness and misc. tools.

IRVIN MYERS,
Owner
Millington, Md.

HARRY RUDNICK & SONS, Inc.
Sales Managers and Auctioneers

RALPH SCHULTZ ESTATE

COMPLETE DISPERSAL

THURSDAY, SEPT. 12

(11:00 A.M.)
Lancaster, Pa.

Sale held at the Charles C. Myers Black & White Farm just west of Lancaster, Pa. Farm is just off Rte. 283; exit at Flory Mills Rd. just west of ABC Stud barns Go around mill, under bridge to farm.

114 HOLSTEIN CATTLE SELL!!

(100 Registered - 14 Grades -58 Milk Cows - 16 Close Bred Heifers - 34 Op Yrlgs & Calves) All tested for immediate interstate shipment Exam for Preg & Mastitis

DAUGHTERS OF THESE FAMOUS SIRES SELLING!!

16 dtrs. & 11 gr'dtrs of Nunesdale Mark Performer sell - 5 by Nunesdale High Mark Several others by Carnation Pilot He Man and Gar-Bar-Dale Burke Kate and others

Rolling Herd average is 12,977 M. 3.9 percent 502[illegible]
7 sell with from 602 to 673-lbs fat
18 sell from 513 to 590-lbs fat
10 sell from 408 to 492-lbs fat
Others on test now

A Homebred, farmer-breeder herd with good sound type and solid production

MAKE YOUR PLANS NOW TO ATTEND AND BUY AT THIS COMPLETE DISPERSAL — UNFORTUNATE CIRCUMSTANCES MAKE THIS SALE POSSIBLE.

See Charles C Myers for credit ahead of sale 717-569-2106

R. AUSTIN BACKUS INC.
Sale Mgrs. & Auctioneers
Mexico, N Y

PENNA. HOL. ASSN.
839 Benner Pike
State College, Pa

RALPH SCHULTZ ESTATE
Owners
Hereford Pa

FREE!

Your sale can be listed in our Sales Register without charge. Just mail details to Lancaster Farming, P. O. Box 266, Lititz, Pa. 17543

L & S AUCTION CENTER
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CONDUCTOR OF PUBLIC SALES ON YOUR PROPERTY OR IN OUR AUCTION CENTER

Real Estate • Antiques • Farm • Household

PUBLIC AUCTION

WEDNESDAY, SEPTEMBER 11, 6:30 P.M.

FINE LINE OF HOUSEHOLD FURNISHINGS & ANTIQUES

PHONE 687-8505

LARRY L LEFEVER, AUCTIONEER
RICHARD P SCHROYER, AUCTIONEER

Receiving Hours — Mon, Thurs 7 9 P M, Sat 9 to 12 or by Appointment

FALL SEASON

STOCKER and FEEDER AUCTION SALE

NEXT SALE SEPTEMBER 6, 1974

Starting Time 12:00 Noon

PENNA. LARGEST WEEKLY SALE OF CATTLE

All Grades, Breeds, Weights

LANCASTER STOCKYARDS, INC.

PHONE 717— 394-2611

AGWAY

MAY WE PLEASE HAVE YOUR ATTENTION?

THANK YOU.

WHEN IT COMES TO BEEF FEEDS, CONSIDER:

Agway 32% Beefmix - **Protein 32%, Fat 2%, Fiber 9%**

Brings cattle to market weight more quickly than grains alone. Here's why: It is fortified with vitamins A and D and the essential trace minerals. Contains a balance of proteins, including urea, which stimulates rumen activity.

Agway 55% Beefmix - **Protein 55%, Fat 1%, Fiber 7%**

This weight-raising ration contains 15,000 units of vitamin A and 30,000 units of vitamin D per pound. Only one pound per day will fatten beef fast, at a low cost per pound of animal gain.

AVAILABLE FROM THESE STORES AND REPRESENTATIVES:

G & G FEED & SUPPLY
Manheim
665-5001

HENRY B. HOOVER, INC.
Ephrata
733-6593

LANCASTER STORE
394-0541

THOUGHT FOR THE WEEK

He who loses his temper usually loses.

NEW HOLLAND STORE
354-4526

QUARRYVILLE STORE
786-2126

SALUNGA STORE
898-2248
653-1864